

19980129.qrp v00_n985.qrs.980129

Date: Thu, 29 Jan 1998 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 985

QRP-L Digest 985

Topics covered in this issue include:

- 1) [2235] Re: Post Office Help
by Jim Parsons <k5rov@worldnet.att.net>
- 2) [2236] RADIO EQUIPMENT FOR URUGUAY
by George Dobbs <g3rjv@gqrp.demon.co.uk>
- 3) [2237] Re: QRPer goes postal
by Sam <kc5tja@animeonline.ml.org>
- 4) [2238] Re: QRPer goes postal
by Monte Stark <ku7y@sage.dri.edu>
- 5) [2239] Houston - any qrp activities??
by "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>
- 6) [2240] Re: mic impeadance circuit
by Steven Weber <kd1jv@moose.ncia.net>
- 7) [2241] Re: Post Office Help
by n7mfb@juno.com (Bill Todd)
- 8) [2242] Mechanical Filters.. HOW?
by Ed Loranger <we6w@qsl.net>
- 9) [2243] Re: Web Pages as e-mail - NOT with JUNO
by n7mfb@juno.com (Bill Todd)
- 10) [2244] Inexpensive QRP Keys/URL Correction
by wpc@west.net (John Roblin / Whiterook Products Co.)
- 11) [2245] WHOA!
by doug hauff <slmachco@fix.net>
- 12) [2246] Re: QRPer goes postal
by DYARNES@aol.com
- 13) [2247] Vintage CW Net./ WSN-40
by Ed Loranger <we6w@qsl.net>
- 14) [2248] Re: Fox log - 1/28 (Stealth Fox!)
by Joe Gervais <vole@primenet.com>
- 15) [2249] Re: Mechanical Filters.. HOW?
by Sam <kc5tja@animeonline.ml.org>
- 16) [2250] Re: QRPer goes postal
by Monte Stark <ku7y@sage.dri.edu>
- 17) [2251] Re: Enclosure Shipping Disaster Courtesy USPS
by Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
- 18) [2252] Re: QRPer goes postal
by "Robert P. Okas" <vintage@best.com>
- 19) [2253] [2147] RE: Balanced Tuner vs. "T" "L" + Balun

- by "Johnson" <johns516@maroon.tc.umn.edu>
- 20) [2254] Re: panels
by kv7g@juno.com
- 21) [2255] Re: Mechanical Filters.. HOW?
by "George T. Baker" <w5yr@swbell.net>
- 22) [2256] Elmer project update
by mikemo@ibm.net
- 23) [2257] Re: QRPper goes postal
by Monte Stark <ku7y@sage.dri.edu>
- 24) [2258] Re: Mechanical Filters.. HOW?
by Monte Stark <ku7y@sage.dri.edu>
- 25) [2259] Re: panels
by Hal Maney <maney@ridgefield-ct.com>
- 26) [2260] Re: Mechanical Filters.. HOW?
by "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
- 27) [2261] Re: Mechanical Filters.. HOW?
by "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
- 28) [2262] WE6W snubs AL7FS/2 :-)
by "Larsen, Jim" <JLarsen@alascom.att.com>
- 29) [2263] 38 Special - Sold (again)
by "N4ELM" <n4elm@ipass.net>
- 30) [2264] Re: OHR KIT
by "Frank A. West" <ke6vvh@earthlink.net>
- 31) [2265] FS Yacht Boy 400
by "Jim R. Hatfield" <jhatfiel@mail.orion.org>
- 32) [2266] Secret Admission
by "ALAN KAUL" <alan.kaul@worldnet.att.net>
- 33) [2267] Test - Do NOT read
by Dave Sjolín <sjolin@swbell.net>
- 34) [2268] follow up: LDG birdies
by "Kelly Ellison" <kelman@dialnet.net>
- 35) [2269] Kitoon Kytoon?
by Paul Helbert <phelbert@rica.net>
- 36) [2270] Re: WHOA!
by "Frank A. West" <ke6vvh@earthlink.net>
- 37) [2271] Re: panels
by dannyayers@juno.com (danny k ayers)
- 38) [2272] OHR Explorer II 30 meters also QRP-dition HR\6
by km@PACT.ORG.PE ()
- 39) [2273] Re: [2122] Re: Enclosure Shipping Disaster Courtesy USPS
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 40) [2274] ac6an de n0tu
by Steve Galchutt <n0tu@webaccess.net>
- 41) [2275] Re: [2147] RE: Balanced Tuner vs. "T" "L" + Balun
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 42) [2276] beacon results
by "Dean Marzocca" <n2tnn@ifu.net>
- 43) [2277] Re: [2219] Re: Post Office Help

- by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 44) [2278] RE: Balanced Tuner vs. "T" "L" + Balun
by Adrian Weiss <aweiss@sunflowr.usd.edu>
- 45) [2279] Re: RADIO EQUIPMENT FOR URUGUAY - Taquile Island ????
by "Hugo W. Catta" <catta@ibm.net>
- 46) [2280] Re: ELMERING PROJECT
by "Wayne Barnhart" <wb7whi@triax.com>
- 47) [2281] NO SUBJECT
by "Brian Jones" <brian_jones@uk.ibm.com>
- 48) [2282] FS: HW-9
by DaveLeDuc <DaveLeDuc@aol.com>
- 49) [2283] Re: Pre-FYBO Victory Party
by Richard Powell <ripowell@mpna.com>
- 50) [2284] A final wish
by Paolo Sassoli <Paolo.Sassoli@italtel.it>
- 51) [2285] American Cancer Society scam
by Richard Mulvey <mulveyr@frontiernet.net>
- 52) [2286] Re: GM-10 mods (QRPP Winter '97 by W6EMD)
by k5zty@juno.com
- 53) [2287] Re: A final wish
by Bill Nicolson <n2wf@erols.com>
- 54) [2288] Professions and 4 letter words.
by Jess Gypin <jessqrp@concentric.net>
- 55) [2289] Re: Web Pages as e-mail - NOT with JUNO
by wa8rxi@juno.com (Richard C Arzadon)
- 56) [2290] NO SUBJECT
by "Brian Jones" <brian_jones@uk.ibm.com>
- 57) [2291] Enough Already
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 58) [2292] Emtech 40 for sale
by "Jeff M. Gold" <JGold@tntech.edu>
- 59) [2293] FS Argonaut 515
by ac5am@juno.com (Robert L Stolzle)
- 60) [2294] unsubscribe
by "E. Janes" <kg8nh@flash.net>
- 61) [2295] Toroids!
by Derek Brown <DBrown@RFMD.com>
- 62) [2296] Re: Toroids!
by Chris Trask <ctrask@primenet.com>
- 63) [2297] RE: Secret Admission
by Kevin Muenzler <wb5rue@stic.net>
- 64) [2298] Yet Another QRP-L Spam Attack! Re: A final wish
by "Paul R. Valko" <prvalko@Oakland.edu>
- 65) [2299] Re: Professions and 4 letter words.
by Roger Hightower <n7kt@earthlink.net>
- 66) [2300] QRP DX--TA & 7X
by John Bohnert <johnb@elmhurst.edu>
- 67) [2301] Re: Conductive grease

- by "Phillips Richard" <phillips@msoe.edu>
- 68) [2302] w2 beacon on 7040 2w
by ALK0FRP <ALK0FRP@aol.com>
- 69) [2303] Re: Conductive grease
by Monte Stark <ku7y@sage.dri.edu>
- 70) [2304] Not QRP--Dumb Terminal Question
by Monte Stark <ku7y@sage.dri.edu>
- 71) [2305] QRP 15, or RadioKit Xcvt Help
by amarriot@direct.ca (Albert Daniel Marriott)
- 72) [2306] Solar disturbance 29Jan
by Paul Harden <pharden@aoc.nrao.edu>
- 73) [2307] SGC2020 & Headphones?
by Rohn <rohn@pubrats.com>
- 74) [2308] RE: w2 beacon on 7040 2w
by Kevin Muenzler <wb5rue@stic.net>
- 75) [2309] Link Tuner Hardware
by Walter Dufrain <dufrain@gte.net>
- 76) [2310] Re: Solar disturbance 29Jan
by "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
- 77) [2311] Re: BUILD this receiver...Part 2A
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 78) [2312] RE: w2 beacon on 7040 2w
by wmcshan@REX.RE.ouhsc.edu (Mike McShan)
- 79) [2313] Solar disturbance? Who cares, 15 is wide open!
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 80) [2314] Back to the Future Project Inductor???
- by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 81) [2315] Re: w2 beacon on 7040 2w
by Steve Galchutt <n0tu@webaccess.net>
- 82) [2316] re: SGC2020 & Headphones?
by Rohn <rohn@pubrats.com>
- 83) [2317] Homodyne receiver (long)
by PGSPersEng@aol.com
- 84) [2318] Re: Not QRP--Dumb Terminal Question
by Sam <kc5tja@animeonline.ml.org>
- 85) [2319] Re: w2 beacon on 7040 2w
by John Evans - N0HJ <jaevans@codenet.net>
- 86) [2320] Re: Mechanical Filters.. HOW?
by Ed Loranger <we6w@qsl.net>
- 87) [2321] Re: Mechanical Filters.. HOW?
by Ed Loranger <we6w@qsl.net>
- 88) [2322] Re: WE6W snubs AL7FS/2 :-)
by Ed Loranger <we6w@qsl.net>
- 89) [2323] List of Elmer project students (long)
by Michael Maiorana <mikemo@ibm.net>
- 90) [2324] RE: Not QRP--Dumb Terminal Question
by "John J. McDonough" <jjmcd@mdn.net>
- 91) [2325] re: SGC2020 & Headphones?

- by Ed Tanton <n4xy@bellsouth.net>
- 92) [2326] Who wanted the Tektronix 212 manual?
by Bill Howell <bhowell@mail.utexas.edu>
- 93) [2327] Updates to elmer student list
by Michael Maiorana <mikemo@ibm.net>
- 94) [2328] Re: Homodyne receiver (long)
by Laura Halliday <ve7ldh@direct.ca>
- 95) [2329] Thank You Michigan QRP Club !
by Robert Nygren <rnygren@epix.net>
- 96) [2330] Re: List of Elmer project students (long)
by Bob Bayha <rbayha@ix.netcom.com>
- 97) [2331] Elmer student list
by torell@sicom.com (Kent Torell)
- 98) [2332] Elmer Project
by Brad Mugleston <bmug@gwl.com>
- 99) [2333] Re: Mechanical Filters.. HOW?
by Brian Kassel <bkassel@dancris.com>
- 100) [2334] Re: List of Elmer project students (long)
by Andy Fox <foxes@theriver.com>
- 101) [2335] Re: LDG tuner and birdies
by Bill Howell <bhowell@mail.utexas.edu>
- 102) [2336] Mechanical Filters
by "Fishman, Clark" <cfishman@pica.army.mil>
- 103) [2337] Re: Mechanical Filters.. HOW?
by Ed Loranger <we6w@qsl.net>
- 104) [2338] WA2HOQ
by RangerSF5@aol.com
- 105) [2339] Re: Homodyne receiver (long)
by traylor@ECE.ORST.EDU (Roger Traylor)
- 106) [2340] Re: List of Elmer project students (long)
by Ed Loranger <we6w@qsl.net>
- 107) [2341] Replacement for Spud gun
by "Buck, Preston D" <BuckPD@corning.com>
- 108) [2342] Re: Mechanical Filters
by Ed Loranger <we6w@qsl.net>
- 109) [2343] Re: GM-10 mods (QRPP Winter '97 by W6EMD)
by "David D. Meacham" <ddm@datatamers.com>
- 110) [2344] Elmer Project
by "EWC(SW) Rick McNelly" <72507.235@compuserve.com>
- 111) [2345] Re: List of Elmer project students (long)
by Roger Hightower <n7kt@earthlink.net>
- 112) [2346] Re: Long Wire Antenna - A Discussion?
by Sam Billingsley <SBillingsley@usaninc.com>
- 113) [2347] Re: WA2HOQ
by Ed Loranger <we6w@qsl.net>
- 114) [2348] WTB: TenTec 9MHz Filters
by Gary Hembree <Gary.Hembree@ASU.edu>
- 115) [2349] Re: List of Elmer project students (long)

by Andy Fox <foxes@theriver.com>
116) [2351] Re: WA2HOQ (fwd)
by Jim Eshleman <lujce@hooch.cc.Lehigh.EDU>
117) [2352] Results: The Great Colorado Snowshoe Run (fwd)
by Jim Eshleman <lujce@hooch.cc.Lehigh.EDU>
118) [2353] RE: WA2HOQ
by Kevin Muenzler <wb5rue@stic.net>
119) [2354] Results: The Great Colorado Snowshoe Run (fwd)
by "Marshall Emm" <mgemm@mtechnologies.com>
120) [2355] Re: Elmer Project
by bruce muscolino <w6toy@erols.com>
121) [2356] Re: List students/ multiple callsign lookup
by "Michael A. Gipe" <mgipe@reliablemeters.com>
122) [2357] Pixie 2 documentation
by Jay Sullivan <jsulliv@vt.edu>
123) [2358] Re: [SWL] Fwd: HCJB amateur radio news
by k7sz@juno.com
124) [2359] Beacon Barage
by wb8ygg@juno.com (Bradley S. Mitchell)
125) [2360] Other power meter/swr kit
by "rohre" <rohre@arlut.utexas.edu>
126) [2361] Re: Conductive grease
by pmk@juno.com (Patrick M Kvitkauskas)
127) [2362] Re: Pixie 2 documentation
by Joe Gervais <vole@primenet.com>
128) [2363] More QRP stuff for sale
by "N4ELM" <n4elm@ipass.net>
129) [2364] Pixie on 10 meters??? How?
by W7LS <w7ls@blarg.net>
130) [2365] Re: Beacon Barage
by "Ron Smith" <resmith@primenet.com>
131) [2366] Re: [SWL] Fwd: HCJB amateur radio news
by "Ron Smith" <resmith@primenet.com>

Date: Wed, 28 Jan 1998 18:00:11 -0600
From: Jim Parsons <k5rov@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [2235] Re: Post Office Help
Message-ID: <3.0.3.32.19980128180011.007ac610@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I sure am sorry you feel that way, Ed. But, you are taking life much too seriously. After a career in the military, I have heard just about everything said that can be said about my profession. But, I am going to laugh, when its a joke, cry when it hurts, and get on with my life. And, I

shall not judge all my a few.

I would be willing to bet that not one person on this group meant to say anything that was intended to hurt your feelings. But, if you can't laugh at yourself, you have more serious problems than just getting angry at what people say. Ed, maybe its time you looked inward!

Jim, K5ROV

At 06:15 PM 1/28/98 -0500, you wrote:

>Kevin and all. Well I' sorry but as a postal worker and a
>fellow human. I find no reason to laugh at the thought of
>taking a persons life. You may think it is just a harmless bit
>of humor, but after a while the vast majority of postal
>workers just get sick and tired of being branded as a gun
>toting menace to society. Sorry, the majority of us have
>families, pay our taxes and expect to live a rather normal
>life and most of us do until we are branded as killers...sorry
>I had my fill of that a few years ago (1965-67).
>But no fear, all you well meaning people, as of today I would
>just as soon spend my free time and interests in qrp and ham
>radio somewher else...73..Ed
>
>

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>But no fear, all you well meaning people, as of today I would
>just as soon spend my free time and interests in qrp and ham
>radio somewher else...73..Ed
>
>
>

James (Jim), Parsons, K5ROV USAF, Ret.

k5rov@worldnet.att.net QCWA, NWQRP, Fists, ARRL

EX: W1RLA, K5FBB, K4FEO, SVOWN (CRETE), SVOWN (RHODES),

DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).

JOHN 3:16

Date: Wed, 28 Jan 1998 16:10:03 -0000
From: George Dobbs <g3rjv@gqrp.demon.co.uk>
To: QRP-L@Lehigh.EDU
Subject: [2236] RADIO EQUIPMENT FOR URUGUAY
Message-ID: <01bd2c07\$30e2b900\$LocalHost@kcubkvql>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

RADIO EQUIPMENT FOR URUGUAY

G QRP Club member Fernando Garcia, G0VUF/CX, has recently returned from Uruguay where he left three Epiphyte 80m SSB Transceiver kits. (See RadCom News, December 1997). The kits have all been built, one of them was converted for use on 40m, and the local radio amateurs are very pleased with the results.

During his trip Fernando visited Taquile Island, a very remote spot off the Uruguay coast. As he says, a completely different place : no roads, no cars, no bicycles, no mains services and a community of happy people.

Fernando promised to try to help the local people acquire some form of radio communications. This could be amateur radio equipment, or perhaps, more practically, CB radio equipment.

He has asked me to put out a request for donations of unwanted, but working, CB radio equipment. The request also includes amateur radio equipment for the Uruguay Radio Club and the Loja Radio Club in Ecuador, both of which lack essential radio equipment.

So if you have an unused, or under-used, CB transceiver laying around, please sent it to Fernando Garcia, G0VUF, 7 Cowper Road, Worthing, West Sussex. BN11 4PD or contact me by mail or email.

A quick response would be useful because Fernando will have to negotiate a lot of paper work to import the equipment.

72/3

George Dobbs G3RJV
g3rjv@gqrp.demon.co.uk
The G QRP Club

"It is vain to do with more
what can be done with less"
William of Occum. 1290-1350

Date: Wed, 28 Jan 1998 17:08:06 -0800 (PST)
From: Sam <kc5tja@animeonline.ml.org>
To: "Michael A. Gipe" <mgipe@reliablemeters.com>
Cc: qrp-1@Lehigh.EDU
Subject: [2237] Re: QRPer goes postal
Message-ID: <Pine.LNX.3.96.980128170601.24368Q-100000@animeonline.ml.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> was only QRP!" A couple visiting from Rochester, NY, who witnessed the
> event, said afterward, "Such excitement could only happen in California!"

Having been born and raised in NY, I find it quite humorous to see
Californians saying "Wow man...you only get that kind of stuff in New
York!" :)

I guess the grass is always greener on the other side of the fence, even
after you cross it... :)

=====
-| TEAM DOLPHIN |-
Chief Architect and Project Founder
(web page under construction)

PGP 5.0 Public Key Available Upon Request.

Date: Wed, 28 Jan 1998 16:06:17 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: "Michael A. Gipe" <mgipe@reliablemeters.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [2238] Re: QRPer goes postal
Message-ID: <Pine.SUN.3.90.980128160223.13884A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Mike,

I hate to rain on your parade, but I resent any insinuation
that all hams run around blowing up buildings and waving

big sticks.

How can you possibly have such a complete lack of regard for any one else's feelings?

Geeeeesssh.....

(OK all, find the humor!!) :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 29 Jan 1998 00:02:08 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>
To: qrp-l@Lehigh.EDU
Subject: [2239] Houston - any qrp activities??
Message-ID: <199801290002.TAA21697@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I will be coming to Houston for at least the next two weeks starting this coming Monday. Are there any planned QRP activities taking place in that period??

I'll have some time some evenings and on the weeknd if anyone would like to have an eyeball.

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Wed, 28 Jan 1998 19:13:53
From: Steven Weber <kd1jv@moose.ncia.net>
To: msebrakr@telepath.com
Cc: qrp-l@Lehigh.EDU
Subject: [2240] Re: mic impeadance circuit

Message-ID: <3.0.3.16.19980128191353.2c678122@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:47 PM 1/28/98, you wrote:

>Like I said in my original message, I am useing an old tube radio.

Good chance it was designed for a crystal mic (BTW I have some xtal mic elements if you want to try one, got them 3 for a buck at hamfest, never know when you might need one, hi)

> I found

>a cb mic in the garage and hooked it up.

Is it an old one or newer one? Newer ones use a electrec mic element that needs power to run. If it is indeed a dynamic mic, check to see if it's still good with an ohm meter. I've seen a lot of them go bad from being knocked around.

As Leon said, a 600 ohm dynamic mic will drive a 10K input fine. You would only have problems if it were the other way around. A crystal mic does put out more voltage than a dynamic, but there should be enough mic gain to compensate. I suspect the bad mic element or a broken wire in the cord, an other common problem with CB mics that have been around.

Good luck,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Wed, 28 Jan 1998 19:25:49 EST
From: n7mfb@juno.com (Bill Todd)
To: qrp-l@Lehigh.EDU
Subject: [2241] Re: Post Office Help
Message-ID: <19980128.162433.8047.2.n7mfb@juno.com>

Most postal workers I know, HAVE a sense of humor.

One time I was in the Post Office and after conducting my business, I jokingly asked the Clerk on duty "You're not a disgruntled Postal Worker

are you?."

He replied, "No, I am not disgruntled. . . . just grunted."

Not THAT was funny -

CUL, Bill-N7MFB

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 29 Jan 1998 00:26:40 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [2242] Mechanical Filters.. HOW?
Message-ID: <34CFCCC0.3BBF@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Boy, I've done a heap-o-searching, Reading, etc. Can't seem to find any "Meat-and-Potatos" on Mechanical Filters for Radio use.

Just appetizers.

Apparently they've got all of the Mechanical Filter Designers sequestered on a secret Military Island -- In the interest of preserving communications dominance. And in all seriousness, Who in the He.. Decided ONLY the Military can get certain Low-Noise, Extremely High performance Receivers? Not available to the public?

<Possible 40 Page Monologue and gov't conspiracy tirade deleted :)>

Seriously folks, I've found 'Engine Knock sensing' mechanical filters, mech.filters for biological use, Heard/Read Untold stories of mech. fltr (MF) superiority, cost advantage etc...

But I have yet to see any information on HOW TO BUILD your own.

And don't let anyone tell you you can't. Too difficult, need machine

shop, etc! If you have the time, (I make my time), and can use a file, drill, etc., you can do it.

If someone asked you to cut a 600 hertz resonant strip of paper, most people would be dumbfounded. Not realizing you could cut up a whole sheet in different length strips, place on a speaker vibrating at 600 hz and Choose the paper that stands on end!

I know how to connect the iron driving rod to the end discs. That is all.

I must have the secrets! I'll build. I will share.

And then, just maybe I'll get another shot at FOX Bob, AE4IC, with my Bazooka Antenna. (Added the word 'Antenna' so no-one goes postal on me...)

Can anyone send me information, construction details, maybe one I can take apart?????

Anyone using these currently in the HIGH-MHz IF's, HIGH-KHz IF, or speaker-interface mechanical filter in the AF range?

I get grumpy when I don't get my (Fox)tail.

Sorry abt that :^)

I appreciate any help exponencially!

-Ed

--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Wed, 28 Jan 1998 19:25:49 EST
From: n7mfb@juno.com (Bill Todd)
To: we6w@qsl.net
Cc: qrp-l@Lehigh.EDU
Subject: [2243] Re: Web Pages as e-mail - NOT with JUNO
Message-ID: <19980128.162433.8047.1.n7mfb@juno.com>

On Wed, 28 Jan 1998 17:04:22 +0000 Ed Loranger <we6w@qsl.net> writes:
>Bill, I read you had problems with the email web page.

>

>I have only used this once, just to try it out so I'm no
>expert on emailing webpages.

>

>But I do know, that Juno sets size limitations on email.

Ed - What I also learned from someone, is that I can disable the tag line
that JUNO puts on the bottom of ALL their posts, with a "--" (no quotes)
on a single line following the request.

A guy learns something every day!

CUL, Bill-N7MFB

PS JUNO sure runs slow for me now, what with their mandatory ads that
seem to tax my 386 DX 40 CPU (hi).

>

>I suggest you try one of the options, setting the email
>to split in 10 or 20 KByte sections. At least it couldn't
>hurt to try that.

>

>I'd be interested if it works!

>

>Good Luck.

>-Ed

>--

>Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL
>1977.

>72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR

><http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 28 Jan 1998 16:29:02 -0500

From: wpc@west.net (John Roblin / Whiterook Products Co.)

To: qrp-l@Lehigh.EDU

Subject: [2244] Inexpensive QRP Keys/URL Correction

Message-ID: <v01530500b0f551a5ee90@[205.254.241.215]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Just caught this on the list today, with an incorrect URL:

Don't forget about the Whiterook keys. I have a key and a paddle and enjoy them both very much.

they are on the web...www.whiterook.com

Aron

N10DL

QRP-L#1326

(Tnx Aron! :-)

The CORRECT URL for The Whiterook Products Company:

<http://www.west.net/~wpc/>

72,

John Roblin WA6KY0

Whiterook Products Company

"Mini-Keys and Other Cool Things!"

<http://www.west.net/~wpc/>

Date: Wed, 28 Jan 1998 16:35:01 -0800 (PST)

From: doug hauff <slmachco@fix.net>

To: qrp-l@Lehigh.EDU

Subject: [2245] WHOA!

Message-ID: <199801290035.QAA21265@fletch.fix.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

My sorry attempt at humor was an inference to shooting tha shit out of the post office, not post office people, for God's sake! I cannot imagine pointing a firearm at a person except under the most serious life-threatening circumstances...the idea of making holes in the post office was a way of venting my frustration...now please drop it, and LIGHTEN UP!!
GEEEEEEZE!

72 Doug KE6RIE

Date: Wed, 28 Jan 1998 19:30:53 EST

From: DYARNES@aol.com
To: mgipe@reliablemeters.com, qrp-1@Lehigh.EDU
Subject: [2246] Re: QRPper goes postal
Message-ID: <5a5dd241.34cfcdbf@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-01-28 19:03:23 EST, mgipe@reliablemeters.com writes:

<< As
he was being put into the police van, the ham was overheard to say, "But it
was only QRP!" >>

Based on "the facts", since it was only QRP and not QRO, it appears he could
only be guilty of a misdemeanor rather than a felony! Furthermore, I assume
his case will be tried in small claims court!

72 de David W7AQK

Date: Thu, 29 Jan 1998 00:44:21 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [2247] Vintage CW Net./ WSN-40
Message-ID: <34CFD0E5.1ABF@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I join in every Saturday on 7040 where the WSN-40 QRP net
meets at 9:00 AM. It is always that time, Standard or Daylight)
I hope some of you can join us this Saturday. Point your
antennas to Southern California.

I shared with the WSN-40 group:
The Vintage CW net is going QRT forever... The control operator
had a job change and couldn't work the net on a regular basis.

Jan 25th, The Vintage CW Net shut down at 6:20 PM, PST, after only 20
minutes
of air time. I tried to check in but was distracted, only catching
the last 5 minutes, waiting to QNI, but control rambled a thankyou
to all and QRT. Never answering my CQ. (I know the operator.)

I can only guess, but I could feel tears in his eyes as I listened for him to answer my desperate attempt to QNI or at least give him a send off.

Silence.

It may have been static, but I thought I heard the "click" as he quickly QRT the power after his last 73. Precise and perfect was his sending. Yet no more-so than any other Sunday Night net operation. 'TU es 73 dit dit'

Vintage CW Net, I salute you,
may you rest in peace...

With a truly heavy heart,
Ed Loranger, we6w...

--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Wed, 28 Jan 1998 18:05:22 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [2248] Re: Fox log - 1/28 (Stealth Fox!)
Message-ID: <199801290105.SAA04231@usr07.primenet.com>

Howdy,

Bob (AE4IC) wrote:

>

> Az is the clear winner in the state category with 6, followed
> by NM with two.

Man, you know that any time AZ-NM together account for more than half of all Pelts handed out, it was one WEIRD night! Thanks much Bob! Figured it was Mission Impossible, but somehow you pulled us out. Dinner's on Floyd next time you're in AZ. :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's hard to be unhappy when your feet are warm."
- Dave Rose, Fellow Snowcamper

Date: Wed, 28 Jan 1998 18:15:48 -0800 (PST)
From: Sam <kc5tja@animeonline.ml.org>
To: Ed Loranger <we6w@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [2249] Re: Mechanical Filters.. HOW?
Message-ID: <Pine.LNX.3.96.980128181024.24368S-100000@animeonline.ml.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Who in the He.. Decided ONLY the Military can get certain
> Low-Noise, Extremely High performance Receivers? Not available
> to the public?

Ah, but their conspiracy is foiled, as we hams, which have horrible phase noise, and massive harmonic content in our signals, pollute the spectrum with intermodulated garbage and highly distorted, ultra-powerful, 10MHz-wide BPSK digital blasts -- all in the name of freedom! :D

TWO can play at this game!! :D

OK ok...so we're not quite THAT bad... :)

> If someone asked you to cut a 600 hertz resonant strip of paper,
> most people would be dumbfounded. Not realizing you could cut up
> a whole sheet in different length strips, place on a speaker vibrating
> at 600 hz and Choose the paper that stands on end!

Interesting article for publication: using paper filters for SSB! :D How do you place it so that it stands on end: tape one side to the cone? Do you place it horizontally or vertically?

I'd be interested in playing with this someday... :D

=====

-| TEAM DOLPHIN |-
Chief Architect and Project Founder
(web page under construction)

PGP 5.0 Public Key Available Upon Request.

Date: Wed, 28 Jan 1998 17:14:11 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: DYARNES@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [2250] Re: QRPper goes postal
Message-ID: <Pine.SUN.3.90.980128171234.14199A-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 28 Jan 1998 DYARNES@aol.com wrote:

> only be guilty of a misdemeanor rather than a felony!

No, no..... his rig was set for 13.8 volts. We all know
that it's a felony to have more than 10 volts in the
magazine....

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 28 Jan 1998 18:18:43 -0500
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
To: n4js@pobox.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [2251] Re: Enclosure Shipping Disaster Courtesy USPS
Message-ID: <34CFBCD3.4433@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

N4JS wrote:

>
>
> > AAAUUUUUGGGGHHHHHHHHH! S*****T!
> >
> Is this called "going Postal?"
>

No, you need an AK-47 for that. <hi-hi>

--

73 de
KI8CZ
Tom Isgro
OHIO

<http://www.qsl.net/ki8cz>

10-X #68364 SCI #1479 QRP-L #945 ARS #203
C.A.T.T #2115 FIST 2360 NORCAL ARRL

Date: Wed, 28 Jan 1998 17:42:09 -0800 (PST)
From: "Robert P. Okas" <vintage@best.com>
To: Monte Stark <ku7y@sage.dri.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [2252] Re: QRPper goes postal
Message-ID: <Pine.BSF.3.96.980128174113.2310D-100000@shell114.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 28 Jan 1998, Monte Stark wrote:

>
> 73, Ron, SOWP 5545M,
>
>KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>ku7y@sage.dri.edu.....Washoe Lake, Nevada....
>QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
 ^^^^^^^^

Ahem, you're not a letter carrier, are you Ron?? ;-} ;-} ;-}

Date: Wed, 28 Jan 1998 19:41:36 -0600
From: "Johnson" <johns516@maroon.tc.umn.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [2253] [2147] RE: Balanced Tuner vs. "T" "L" + Balun
Message-ID: <34cfe0930fa6973@mhuh3.tc.umn.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Adrian Weiss said:

.....<snip>

>The answer is, quite simply: yes. The balun {always} absorbs power.
>I posted some comparison figures a while back, based on field-strength
>measurements, that showed that the popular "T + balun" tuner loss ranged
>from 1dB to 6.6dB.

>Since then, I've been experimenting with balanced tuners. The gap widens,
>since the AC-5 used in the earlier comparison is not, strictly speaking, a
>standard balanced tuner with link coupling. The balanced tuners have
>widened the gaps in the original comparisons. The "T + balun" is looking
>pretty sick at this time!

>In the parallel case, both the capacitor and two sides of the feedline are
>connected to the same point on the inductances. Do not use split-stator
>gang-tuned capacitors with the stator grounded. A single capacitor, either
>in parallel with the coil, or, in the series arrangement, a single
>capacitor connecting the two sides of the antenna output coil.

..

Have you looked at the balanced-balanced antenna tuner that Rich Measures
(AG6K)
described in the February 1990 QST?

It uses a balun (coil of coax) from the rig then the tuner "floats" without
a ground connection.

Each side goes through a roller inductor, and then out to the balanced
ladder-line. A variable capacitor goes across the roller inductor outputs.

Very simple design, and I have been told it
works great.

I'm gathering parts now to build one. Just need the gearing mechanism to
turn the two
roller inductors at the same time. The gear mechanism also needs to have a
turns counter.

It sounds like it should have good efficiency, with no "voltage balun" on the output to burn up the power. Right? The current (choke) balun at the input should not be a problem, is it?

73,
-Craig, AA0ZZ

Date: Wed, 28 Jan 1998 18:46:46 -0700
From: kv7g@juno.com
To: resmith@primenet.com
Cc: qrp-1@Lehigh.EDU
Subject: [2254] Re: panels
Message-ID: <19980128.184935.18878.0.kv7g@juno.com>

Ron, I doubt that it would be a good idea. My Laser Jet 4L reaches a temperature of 390 degrees (200 C.) for 0.1 second in the fusing process. When I print labels the sheet is so hot coming out of the printer that it is VERY uncomfortable to hold.

Bud - KV7G - Yuma, AZ

On Wed, 28 Jan 1998 16:27:39 -0700 "Ron Smith" <resmith@primenet.com> writes:
>Hi Steve,
>
>Question...
>
>>and print it out with the laser printer. But then I take it and have
>it
>>plastic laminated and attach to the panel with double sided tape.
>This is a
>
>
>Have you ever tried printing on the single sided laminate and just
>sticking
>the cutout on the front of whatever?
>
>72
>
>Ron Smith
>-----
>Amateur Radio Callsign: KD7VD
>Boise, Idaho

>E-mail: resmith@primenet.com
>QRP-L #1291...ARCI #9580...NorCal #????

>-----
>
>
>
>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 28 Jan 1998 20:09:49 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: we6w@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [2255] Re: Mechanical Filters.. HOW?
Message-ID: <34CFE4ED.5BD4BA12@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hie thee to the library or wherever and research QST and CQ starting in the mid-40's on up. I seem to recall in those days a number of articles on the design and construction of the revolutionary, new Collins mechanical filters. I suspect that there is also some Collins literature that would assist your research. Try looking up patents in the IBM patent server. Lots of avenues to try!

--
73, George
Amateur Radio W5YR
QRP-L #1373
AutoPOWER Systems
Fairview, TX

Ed Loranger wrote:

>
> Boy, I've done a heap-o-searching, Reading, etc. Can't seem
> to find any "Meat-and-Potatos" on Mechanical Filters for
> Radio use.
>

Date: Wed, 28 Jan 1998 21:08:40 -0500
From: mikemo@ibm.net
To: qrp <qrp-1@Lehigh.EDU>
Subject: [2256] Elmer project update
Message-ID: <34CFE4A8.15F7@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just a reminder. I am coordinating the class and the purchase with the vendor. When the time comes, if you got your name in, I'll tell you to send your check to Small Wonder Labs to get your kit. You should have the beginning class material by then.

Estimated date of start is late March (hopefully sooner).

Drop me a line if you have any questions.

72 de kf4trd

Mike Maiorana

Date: Wed, 28 Jan 1998 18:18:03 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: "Robert P. Okas" <vintage@best.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [2257] Re: QRPper goes postal
Message-ID: <Pine.SUN.3.90.980128181710.14493A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 28 Jan 1998, Robert P. Okas wrote:

> Ahem, you're not a letter carrier, are you Ron?? ;-} ;-} ;-}

Ummmm, no.... they don't have enough stoping power!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 28 Jan 1998 18:22:16 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [2258] Re: Mechanical Filters.. HOW?
Message-ID: <Pine.SUN.3.90.980128182135.14493B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On the other hand, you can still buy the Collins
Mechanical Filters and save lots of work! :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 28 Jan 1998 21:23:30 -0500
From: Hal Maney <maney@ridgefield-ct.com>
To: qrp-l@Lehigh.EDU
Subject: [2259] Re: panels
Message-ID: <34CFE822.F614D9F3@ridgefield-ct.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just use clear laser labels and stick 'em on.

For a plexiglass panel I made to mount some miscellaneous
connectors, I printed the labels in reverse and stuck them
on the reverse side. Then I sprayed some light-blue paint
on the reverse side over the labels. Worked out pretty
well. That trick might work to make a slick plexiglass
venier for an aluminum panel.

Ron Smith wrote:

>
> Hi Steve,
>

> Question...
>
> >and print it out with the laser printer. But then I take it and have it
> >plastic laminated and attach to the panel with double sided tape. This is a
>
> Have you ever tried printing on the single sided laminate and just sticking
> the cutout on the front of whatever?
>
> 72
>
> Ron Smith

--

Harold D. Maney, K1HM
maney@ridgefield-ct.com
203-431-9329

Date: Thu, 29 Jan 1998 10:36:34 +0800
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
To: kc5tja@animeonline.ml.org
Cc: qrp@pandora.lugs.org.sg
Subject: [2260] Re: Mechanical Filters.. HOW?
Message-ID: <34cfeb34.pandora@pandora.lugs.org.sg>

On Wed, 28 Jan 1998 18:15:48 -0800 (PST), "Sam" <kc5tja@animeonline.ml.org> wrote:
> > If someone asked you to cut a 600 hertz resonant strip of paper,
> > most people would be dumbfounded. Not realizing you could cut up
> > a whole sheet in different length strips, place on a speaker vibrating
> > at 600 hz and Choose the paper that stands on end!

Ahh... that reminds me of an interesting device I came across while I was working as engineer on a ship. This was in the ship's generator. There was a tuning-fork like device, which, instead of having only 2 prongs, had about 9 of them, all different lengths. It was used to keep the generator frequency at 60Hz. We'd look at the prongs and the one that vibrated the most would be our centre frequency. A very simple device, but one that works.

73 de 9V1ZV Daniel

--

+-----+
Daniel Wee	daniel@pandora.lugs.org.sg
9V1ZV	
QRP-L #667	9V1ZV@amsat.org
+-----+

Date: Thu, 29 Jan 1998 10:41:23 +0800
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
To: ku7y@sage.dri.edu
Cc: qrp@pandora.lugs.org.sg
Subject: [2261] Re: Mechanical Filters.. HOW?
Message-ID: <34cfec55.pandora@pandora.lugs.org.sg>

On Wed, 28 Jan 1998 18:22:16 -0800 (PST), "Monte Stark" <ku7y@sage.dri.edu> wrote:
> On the other hand, you can still buy the Collins
> Mechanical Filters and save lots of work! :-)

Am I right that most of these mechanical filters are 455kHz and below? Are there any for 9MHz for example? Thanks.

73 de 9V1ZV Daniel

--
+-----+-----+
Daniel Wee	daniel@pandora.lugs.org.sg
9V1ZV	
QRP-L #667	9V1ZV@amsat.org
+-----+-----+

Date: Wed, 28 Jan 1998 17:49:49 -0900
From: "Larsen, Jim" <JLarsen@alascom.att.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [2262] WE6W snubs AL7FS/2 :-)
Message-ID: <D8F0A14EBB6CD11189D4006097E5893A0996C5@alascomexca.alascom.att.com>
MIME-Version: 1.0
Content-Type: text/plain

Can you believe WE6W! He is making the trip to my receiver here in New Jersey at 0235Z on 7.041.2 apprx. He chose a 599 signal WA5YFY over my S-0 signal. I will never understand why. :-)

I worked N5GW, Gene, in MS last night but the qrm got us. Care to guess which mode? We did pass RSTs and such so even though it was no ragchew, we did make the trip. Picture my 85 foot antenna all wrapped up in this tiny room and then picture MS as being directly through the Holiday Inn. My EIRP had to be miserable. Fun? You bet!

I am excited about tomorrow nights QRP get together at the Lone Star in

Morristown. I am not sure I ever met more than one QRPer at a time.

72,

Jim, AL7FS

Date: Wed, 28 Jan 1998 20:52:36 -0500
From: "N4ELM" <n4elm@ipass.net>
To: <qrp-1@Lehigh.EDU>
Subject: [2263] 38 Special - Sold (again)
Message-ID: <199801290304.WAA15385@earth.ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

The 38 Special is spoken for again.
Thanks for the response.

73 - Dave.

Date: Wed, 28 Jan 1998 17:20:22 -0800
From: "Frank A. West" <ke6vbm@earthlink.net>
To: <Ronald_A_Pfeiffer@res.raytheon.com>, "Low Power Amateur Radio Discussion"
<qrp-1@Lehigh.EDU>
Subject: [2264] Re: OHR KIT
Message-ID: <199801290310.TAA07988@norway.it.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

HERE HERE and save some bandwidth
73 Frank
Ron wrote
<snip>
> Lets work out "gripes" with the vendors directly.

Date: Wed, 28 Jan 1998 21:22:18 -0600 (CST)
From: "Jim R. Hatfield" <jhatfiel@mail.orion.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [2265] FS Yacht Boy 400
Message-ID: <Pine.GS0.3.96.980128210844.16567B-1000000@orionc0>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yacht boy 400 is one of the better shortwave portable receivers today, QST gave it very good review not long ago. Only 3 months old and looks and works great. AM, FM, MW, SW, SSB, 40 memories. \$199.00 new asking only 175.00 shipped in lower US. E-mail if you want more info. JIM KG0NA

Date: Wed, 28 Jan 1998 19:34:42 -0800
From: "ALAN KAUL" <alan.kaul@worldnet.att.net>
To: <qrp-l@Lehigh.EDU>
Subject: [2266] Secret Admission
Message-ID: <19980129033515.AAA25160@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I must admit I prefer reading the posts to qrp-l when the subject has something to do with low power radios, antennas, keys and similar topics. And even though I have a delete key, it seems to me other subjects don't belong here....

Alan Kaul, W6RCL
Amateur Radio website: <http://home.att.net/~alan.kaul/w6rcl.html>
alan.kaul@worldnet.att.net
w6rcl@amsat.org

Date: Wed, 28 Jan 1998 21:54:55 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: qrp-l@Lehigh.EDU
Subject: [2267] Test - Do NOT read
Message-ID: <34CFFD8F.3A67@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Test. Do not read.

Date: Wed, 28 Jan 1998 22:03:52 -0600
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [2268] follow up: LDG birdies
Message-ID: <199801290402.WAA26585@shell.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello all QRPers

Thank you for the response on my inquiry about the birdies from the LDG tuner. I found out that the tuner has a "sleep mode" If you are in "semi auto mode", you can also put it to sleep by pushing up on the cap and Ind switches at the same time. The sleep mode eliminates the birdies. This is an exceptional piece of equipment and makes a great addition to my QRP shack. BTW, I am using the tuner with a 280 ft loop fed with ladder line to a home made coaxial choke and a short run of RG8X. Works great 10-80 meters and tunes the antenna in seconds. I am still looking for a AT-11 if you know anyone who wants to part with one.

Thank you,
Kelly Ellison - WB0WQS
QRP-L #702

Date: Wed, 28 Jan 1998 23:23:00 -0500
From: Paul Helbert <phelbert@rica.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [2269] Kitoon Kytoon?
Message-ID: <34D00424.44CB9798@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

About a year or so ago there was an article in QST (I think) about an aerial support which is part balloon, part kite. Looks like a blimp. There was mention of a manufacturer of these things in Statesville, or Morganton, NC in that article. I have to make a quick trip from Virginia to Asheville, NC in the morning.

I do not keep old magazines around for long and cannot find any trace of

this one. If someone could send me the name and address (phone number, too (?)) of that company, I'd appreciate it. I am leaving early Thursday morning, so please e-mail me with a copy of the information to eli@warren-wilson.edu. That's my son, Kc4uzg.

Thanks in advance,

Paul, Wv3j

Date: Wed, 28 Jan 1998 20:25:06 -0800
From: "Frank A. West" <ke6vhm@earthlink.net>
To: <slmachco@fix.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [2270] Re: WHOA!
Message-ID: <199801290423.UAA25951@norway.it.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

NO SHIT - Doug
see what u started. HIHI
that was a joke folks, just in case

Good luck on getting the label thing fixed.

Flame suit on
73 Frank

> From: doug hauff <slmachco@fix.net>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: WHOA!
> Date: Wednesday, January 28, 1998 4:35 PM
>
> My sorry attempt at humor was an inference to shooting tha shit out of
the
> post office, not post office people, for God's sake! I cannot imagine
> pointing a firearm at a person except under the most serious
> life-threatening circumstances...the idea of making holes in the post
office
> was a way of venting my frustration...now please drop it, and LIGHTEN
UP!!
> GEEEEEEZE!
> 72 Doug KE6RIE
>

>

Date: Wed, 28 Jan 1998 22:31:16 -0600
From: dannyayers@juno.com (danny k ayers)
To: qrp-1@Lehigh.EDU
Subject: [2271] Re: panels
Message-ID: <19980128.223345.13046.1.dannyayers@juno.com>

The PnP Wet sounds interesting, hadn't heard of that one. For my last project, I labeled the front panel by printing directly onto overhead transparency film using a laser printer.

The only twist is I had the graphics program print it mirror imaged so that when attached to the panel (I used 3M spray adhesive), the toner ends up behind the plastic film and can't be scratched/worn off.

As someone said earlier, only works with light colored panels, since the toner is black.

72,
Danny -WX4P
Huntsville, AL
--

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 28 Jan 1998 23:31:13
From: km@PACT.ORG.PE ()
To: qrp-1@Lehigh.EDU
Subject: [2272] OHR Explorer II 30 meters also QRP-dition HR\6
Message-ID: <m0xxljF-0015rqC@uurcp1.rcp.net.pe>

FWIW,

About a year and a bit ago I built the OHR Explorer II, nice support, even did some part substitute with OHR help. Mind you, I'm in Peru so no local mail. No problems, beautiful design, and beautiful reception. I built from scratch before, but this is a

first class product and the neat as pin instructions.

As for the rig itself -- quieter than my TenTec Delta II and just as sensitive.

BTW -- this rig went to HR6\ last year and did a great job with variable solar power (down to 8 volts before it started "going bananas," i.e., had to use the RIT because it started sending on another frequency!)

Up coming QRP-dition to HR6\ again 13 to 26 FEB with same rig and rodent keyer. Resonant dipole in the palms and same old solar power. 4 watts worth.

QSL via KA20IG.

(I'm still getting around to printing the QSL cards, but I promise I'll QSL to those contacts made last year and this year)

I'll be in there most mornings and evening after sunset.

Please listen for HR6\KA20IG

72,

Kris
OA4DBO (KA20IG when home in the States)

Date: Wed, 28 Jan 1998 20:37:11 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: kc5tja@animeonline.ml.org
Cc: qrp-l@Lehigh.EDU
Subject: [2273] Re: [2122] Re: Enclosure Shipping Disaster Courtesy USPS
Message-ID: <199801290437.UAA29371@netcom19.netcom.com>

Hey, cool out. FAX paper copies are notoriously unstable. It's usually a heat process, and sunlight, for example, can blank them easily, especially under clear tape.
It wasn't the PO.
73, doug

Date: Wed, 28 Jan 1998 21:00:33 -0700

From: Steve Galchutt <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"> <qrp-l@Lehigh.EDU>
Subject: [2274] ac6an de n0tu
Message-ID: <34CFFEE1.2E0A@webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Ori...Boy, I guess the old QSB ate my signal! Huh...when I turned it back to u ...there was nothing... but some weak digital crud...and no Ori. It sounded so promising at first ur signal was peaking a S7! Oh well... next time. Tks for the QSO be it kinda short. 72 TU/Steve

--

CUL Steve/n0tu . .
Solar powered QRP/CW
"Camping" in Monument, CO....email:N0TU@webaccess.net

Date: Wed, 28 Jan 1998 20:47:47 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: aweiss@sunflowr.usd.edu
Cc: QRP-L@fidoii.CC.lehigh.EDU
Subject: [2275] Re: [2147] RE: Balanced Tuner vs. "T" "L" + Balun
Message-ID: <199801290447.UAA01152@netcom19.netcom.com>

Date: Tue, 27 Jan 1998 23:01:09 -0600 (CST)
From: Adrian Weiss <aweiss@sunflowr.usd.edu>

Juan EA5XQ asked a question: whether it is better to build a balanced tuner for feeding balanced line (twinlead), or to use a standard "T" or "L" network + 4:1 balun.

The answer is, quite simply: yes. The balun {always} absorbs power.

On the other hand, true balanced tuners a pain in the butt. Kanga US has a kit of an interesting tuner, from SPRAT #72 and QRP Quarterly June 1992, that has a balun at the input, and, while it's not very well balanced internally, at least the balun is seeing the right impedances. An interesting design, that perhaps should be evaluated by whoever was doing those evaluations. In fact, if Bill Kelsey doesn't have a built-up one he could loan, I'll volunteer to get the kit, put it together and send it to the appropriate person.

73, doug

Date: Wed, 28 Jan 1998 23:51:52 -0500
From: "Dean Marzocca" <n2tnn@ifu.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Cc: "Knightlites" <klqrp@waterw.com>, "NJ QRP list" <njqrp@waterw.com>
Subject: [2276] beacon results
Message-ID: <199801290453.XAA06113@ifu.ifu.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Ladies and gentlemen,

Recently I posted this little message on various mail lists:

>Time: 3pm-4pm EST and 9pm-10pm EST(or thereabouts, according to the game

> schedule)

>Date Jan 25, 1998 (superbowl Sunday)

>

>Rig Index Lab QRP+

.>Antenna Dipole NE -SW

>Power YOU tell ME

>Keyer TiCK -2B (beacon mode) (very slick tool)

>

>Please respond back here with your report. I will compile the results as

>soon as possible.

>72, Dean N2TNN NJ 72/73 Dean N2TNN NJ

Well, you guys killed me with your responses!!!!!!!!!!!!!!hehe. WOW what a response list this is. Sorry it took so long to get this back to you but here it is. The 3-4pm beacon is first and the band sounded good. The reports on the 9pm stint wasn't very good at all. Now, the KLnet was right after me and they had a difficult time. The band actually closed up and all RF was sucked into a hole. We might have to do this again some other night to get better results.

This was a lot of fun and it was great hearing from all of you.

January 25,1998 2watts 3-4pm EST

Raleigh, NC 229

Atlanta, GA		no copy
NH	579	
VA	339	
NH	S9	
CT	579	
NY	559	
WNY	599	
S Carolina		459
Raleigh		59
Maryland	569	
NY	569	
New Jersey		
Princeton	S9	
Woodbury	559	
Spotswood	589	
Princeton	S9	
Caldwell		599
Sparta		599
Herb	599	
Colonia		559

Now for the 9pm shift :

NJ Herb	549
Raleigh, NC	599
Sparta	579
Hamilton, Ontario	599

So that is the list and I thank you all for listening. The TiCK had fun as well as the QRP+

Hope to see you again,

72/73 Dean N2TNN NJ
n2tnn@ifu.net

Date: Wed, 28 Jan 1998 21:06:38 -0800 (PST)
 From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
 To: cc1595@cocentral.com
 Cc: edn4pk@VoyagerOnline.net, qrp-1@Lehigh.EDU
 Subject: [2277] Re: [2219] Re: Post Office Help
 Message-ID: <199801290506.VAA03734@netcom19.netcom.com>

The guy was offended by being grouped with killers. I thought all the

"jokes" were offensive, and a waste of QRP-L bandwidth.

PO employees take a lot of shit at work (some of it from me, but only to the supervisors), and don't need it here. I get good service from the PO, except in a certain situation, and think they do a pretty good job. They deliver my QST undamaged, and a number of packages, including a WM-20 (obligatory QRP-L reference) quickly and in good shape.

73, doug

Date: Tue, 27 Jan 98 05:56:11 PST
From: "Roy Lincoln" <cc1595@cocentral.com>

INTELLIGENCE DOESN'T GET INSULTED, PSEUDO-INTELLIGENCE DOES! Some of you= guys out there need to grow up! 73 Roy Lincoln WA4DOU

> Sorry to disappoint all of you, but as a postal employee for
> the past several years I resent any and all insinuations made
> in regard to "ALL" postal employees having a need to carry
> and/or use a firearm to take another persons life. I thought
> this group was about ham radio and qrp. Guess I must have been
> wrong. Your posts to this group show your complete disrespect
> for anyones feelings except your own. Hope you all had a good
> laugh...Ed N4PK.....
> Building and equipment mechanic. Dalton Ga. Main Post Office
>
>

Date: Wed, 28 Jan 1998 23:45:18 -0600 (CST)
From: Adrian Weiss <aweiss@sunflowr.usd.edu>
To: ea8yu Goran <rodriguez@jet.es>
Cc: qrp-l@Lehigh.EDU
Subject: [2278] RE: Balanced Tuner vs. "T" "L" + Balun
Message-ID: <Pine.SOL.3.94.980128232413.4288E-100000@sunburst>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Goran:

> From: ea8yu Goran <rodriguez@jet.es>
> To: aweiss@sunflowr.usd.edu, qrp-1@lehigh.edu
> Subject: RE: Balanced Tuner vs. "T" "L" + Balun
>
> Hello,
>
> Could you please clarify a bit why not use the split stator capacitor
> which usually is what I find in the handbooks - that is a coil with a
> split capacitor from each end and then the feedline tapped into the
> coil symmetrically from the center.

The grounded split-stator capacitor in combination with the tapped portions of the coils can produce circulating currents which eventually are dissipated in the tuner. My note about "false settings" applies especially to these. The basic idea behind this approach is to establish a "center = ground" reference for the balanced line so as to balance the currents in the two conductors. Also, all the taps do is put the antenna leads at the proper impedance points on the coils.

The "lumped L/C" circuit with no grounded stator exhibits only one current path -- out into the feedline. The two cases, series and parallel, for low and high impedances, are achieved by putting the capacitor in series between the two output coils, or shorting the two coils at the inner end, and putting the capacitor across the ends of the coils where the feedline is connected.

The primary reason for the max. F.S. occurring at other than the minimum SWR is physical limitations of adjustability of the size of the coils. I suppose if a guy could find two roller-inductors and devise a system to make them rotate in perfect unison, another 1/12 of a turn might make a 1:1 match possible. But usually, we work in 1-tap per turn at best. >

> Swing link - I think they used rotatable links. Would a link which you
> move in/out of the main coil in the direction of the axis be a usable
> solution? Should be fairly easy to construct

Yes. I used a piece of 2" PVC for the main coils. Then I hacksawed a slot in the middle of the form, leaving a 1" piece of the main form intact so that it is self-supporting. Then I hacksawed another piece of PVC to fit into the slot. It doesn't go all the way in to perfectly match the main form, but almost all the way in. The link can be swung in and out as desired. The link winding can be pretty touchy - a turn can make a big diff. so you have to experiment with feeding your antenna.

Now, this IS NOT TO BE MISTAKEN AS ANOTHER "TRIMMING THE COAX TO GET A 1:1 SWR" STATEMENT!!! The feedline can be lengthened or shortened to help present an impedance that the tuner can handle. The actual SWR on the

feedline is always what it was before trimming. It is simply a matter of not being able to do a 1/4-turn tap, so changing the length of the feedline to achieve the same effect. Given the mismatch at the antenna, and the transformation that occurs along the feedline, some lengths can present a wild reactance that no tuner can be expected to handle. Changing the feedline length gets one past that barrier.

Good luck!

73, Ade

>
> Saludos
> Goran ea8yu
>
>
>
> At 23:01 27/01/98 -0600, you wrote:
> >Juan EA5XQ asked a question: whether it is better to build a balanced
> >tuner for feeding balanced line (twinlead), or to use a standard "T" or
> >"L" network + 4:1 balun.
> >
>
>

Date: Thu, 29 Jan 1998 01:21:54 -0500
From: "Hugo W. Catta" <catta@ibm.net>
To: catta@ibm.net
Cc: g3rjv@gqrp.demon.co.uk, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, cx5bw@adinet.com.uy, cx7by@adinet.com.uy, cx4dx@adinet.com.uy
Subject: [2279] Re: RADIO EQUIPMENT FOR URUGUAY - Taquile Island ????
Message-ID: <34D02001.8714F1EE@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hugo W. Catta wrote:

> Hi, Folks!
>
> I'm sure I must be missing something here.
>

> I am a Uruguayan myself and never heard of Taquile Island.
> George: Can you ask Fernando Garcia exactly where Taquile Island is?
> I've been a member of the Radio Club Uruguayo for almost twenty years but
> living in the US for the last eight. As far as I know, The RCU has a station set
> up in Montevideo in its own premises.
>
> My concern is dual: Either I'm quite ignorant (quite possible) of the geography
> of my country, or someone is painting a picture a bit distorted of "happy
> people" without bicycles and in need of CB equipment for "some type of
> communications" ?!?!
>
> Hugo Catta
> CX9AAK/W2
>
> George Dobbs wrote:
>
> > RADIO EQUIPMENT FOR URUGUAY
> >
> > G QRP Club member Fernando Garcia, G0VUF/CX, has recently returned from
> > Uruguay where he left three Epiphyte 80m SSB Transceiver kits. (See RadCom
> > News, December 1997). The kits have all been built, one of them was
> > converted for use on 40m, and the local radio amateurs are very pleased with
> > the results.
> >
> > During his trip Fernando visited Taquile Island, a very remote spot off the
> > Uruguay coast. As he says, a completely different place : no roads, no
> > cars, no bicycles, no mains services and a community of happy people.
> >
> > Fernando promised to try to help the local people acquire some form of radio
> > communications. This could be amateur radio equipment, or perhaps, more
> > practically, CB radio equipment.
> >
> > He has asked me to put out a request for donations of unwanted, but working,
> > CB radio equipment. The request also includes amateur radio equipment for
> > the Uruguay Radio Club and the Loja Radio Club in Ecuador, both of which
> > lack essential radio equipment.
> >
> > So if you have an unused, or under-used, CB transceiver laying around,
> > please sent it to Fernando Garcia, G0VUF, 7 Cowper Road, Worthing, West
> > Sussex. BN11 4PD or contact me by mail or email.
> >
> > A quick response would be useful because Fernando will have to negotiate a
> > lot of paper work to import the equipment.
> >
> > 72/3
> >
> > George Dobbs G3RJV "It is vain to do with more
> > g3rjv@gqrp.demon.co.uk what can be done with less"

> > The G QRP Club

William of Occum. 1290-1350

Date: Wed, 28 Jan 1998 12:47:09 -0800
From: "Wayne Barnhart" <wb7whi@triax.com>
To: "QRP List" <qrp-l@Lehigh.EDU>, <chuck.olson@sbaonline.gov>
Subject: [2280] Re: ELMERING PROJECT
Message-ID: <199801290628.WAA19382@smtp.triax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

It be on my list to look into this, thanks for the information. Need to build more book shelves first :)

I am always prowling used book stores for bargains but I hold to my response to Laura's post for people to go to the local university and check out the book store for texts. In one quarter I had a class in microprocessors, op-amps and cad. I spent nearly \$200 for the texts. Talk about your basic sticker shock!

Although I refuse to pay that kind of money now I recently spent \$30 for the intelligent transceiver and another \$25-30 for a text on computer interfacing. This stuff can still be pricy but for the ham who is interested I think a recent edition of the handbook and this elmering class are the ideal ticket.

I have several texts here that show the use of a bypass capacitor or coupling capacitor in a circuit but don't explain the method of selecting its value or why a specific value was selected. It is then up to the student to make that leap and tie several things together and say I want the lowest reactance to the frequency I can get here. I suspect that not everyone, student or interested party will make the leap. I think that this is where the elmering project will be helpful.

Wayne WB7WHI
Spokane, Wa.

> From: chuck.olson@sbaonline.gov
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: ELMERING PROJECT
> Date: Tuesday, January 27, 1998 8:46 PM
>

>
> >From: "Wayne Barnhart" <wb7whi@triax.com>
> >Subject: [2002] Re: Elmering project
>
> >Also, I don't know if you are aware or not the textbooks you are
> >talking about would require most people to take out a loan on their
>
> Wayne -
>
> I just received a nice but inexpensive electronics text book called
> "Electronic Devices" by Thomas L. Floyd (ordered from Edward R.
> Hamilton, Falls Village, CT 06031-5000, their stock number 607436, ISBN

Date: Thu, 29 Jan 1998 05:43:41 EST
From: "Brian Jones" <brian_jones@uk.ibm.com>
To: qrp-1@Lehigh.EDU
Subject: [2281] NO SUBJECT
Message-ID: <199801291043.FAA88462@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Little Red Key & SSB rigs

Hi,

last year I was lucky enough to make a rare pilgrimage to Dayton. One of my many treasured possessions from the trip is the Little Red Key, red plastic and brass small pump key. One of my fellow hams here in the UK saw it for the first time this week and covets it in the extreme.

A quick web search last night failed to find any details. Anyone got e-mail or snail-mail address and price so she too can be the proud possessor.

Also she is looking to build her first QRP kit (although she has done some general kit and stripboard project building in the past). She is looking for a rig to bring to the US on vacation this summer. While she is a keen CW operator her OM prefers SSB. Any recommendations for a QRP SSB with CW capability kit probably on 20m. In the UK Lake, Hands and Howe all produce such kits - wonder whats available over there - can the White Mountain kits from Small Wonder Labs operate in both SSB and CW modes?

TNX de Brian G0UKB

Brian Jones
Java Technology Centre
HURSLEY MP 146 Ext 246896 (+44 1962 816896)
BEJONES AT WINVMD bejones@hursley.ibm.com

Date: Thu, 29 Jan 1998 05:49:06 EST
From: DaveLeDuc <DaveLeDuc@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [2282] FS: HW-9
Message-ID: <605453b1.34d05ea4@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I have two HW-9's.

HW9 #1 I purchased at a non-ham yard sale. I don't believe that it ever worked.
I just don't have the time/patience to get it going. All of the parts are installed and It does have the WARC band kit.

HW9 #2 is in excellent condition. The previous owner may have been a smoker or used a wood stove for heat as the power connector is slightly discolored. This radio does not have the WARC band kit installed. However, the WARC band kit is readily available. I have received excellent on the air reports using this radio.

I have Xerox copies of the manual.
I will sell both for \$250 plus shipping. Or if you are interested in either make me an offer.

73 de Dave K1EPJ

Date: Thu, 29 Jan 1998 06:41:48 -0500
From: Richard Powell <ripowell@mpna.com>
To: qrp-1@Lehigh.EDU
Subject: [2283] Re: Pre-FYBO Victory Party
Message-ID: <1.5.4.32.19980129114148.006bba50@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The Team Petaq Racing & Contesting crew will also be conducting a Pre-FYBO Victory Party,
Location: Heuston Woods State Park, Oh.
When: Friday, Feb 6, 2000 local
Activities: Tent raising, Antenna Shooting, Coffee Drinking, MRE Eating.

All are invited.

73

/rick

WB6JBM

At 04:30 PM 1/28/98 -0700, you wrote:

selectively clipped to convert to QRP e-mail

>

>> I'm relaying this for Al, W1XH:

>>

>> What: Pre-FYBO Victory Party - QRPizza and Beer. Bring Money.

>> [...]

>Only 10 FYBO planning days left!!!

>

>Cheers de AB7TT,

>

>-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

>

>

Richard Powell WB6JBM TENTEN - 13044

Director of Network Services, JDR Consulting Services, LTD.

ripowell@mpna.com <http://www.mpna.com/ripowell>

ripowell@jdrconsulting.com <http://www.jdrconsulting.com>

Date: Thu, 29 Jan 1998 13:04:16 +0100

From: Paolo Sassoli <Paolo.Sassoli@italtel.it>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [2284] A final wish

Message-ID: <34D07040.8BD57B3A@ii1sh01.settimo.italtel.it>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi to all, I got this message yesterday.

It's not qrp, but in all conscience I willingly spent a minute for it.

May be you've already done something for her; in that case I apologize for the bandwidth.

> Subject: American Cancer Soc. - a final wish

>

> No comedy here. It's about a seven year old girl
> with cancer.

> Read it and pass it on to as many people that you
> can.

> Occasionally we get to use this medium for some
> actual good, rather than trading barbs across the
> waves. And once in a while things like this bring
> us back to reality, allowing us to count ourselves
> lucky in life. Let's put our network to work here!
> It will only take you a second to send this
> message.

> > *****
> >

> > JESSICA MYDEK IS SEVEN YEARS OLD AND IS SUFFERING
> > FROM AN ACUTE AND VERY RARE CASE OF CEREBRAL
> > CARCINOMA. THIS CONDITION CAUSES SEVERE MALIGNANT
> > BRAIN TUMORS AND IS A TERMINAL ILLNESS. THE DOCTORS
> > HAVE GIVEN HER SIX MONTHS TO LIVE.
> > AS PART OF HER DYING WISH, SHE WANTED TO START A
> > CHAIN LETTER TO INFORM PEOPLE OF THIS CONDITION
> > AND TO SEND PEOPLE THE MESSAGE TO LIVE LIFE TO THE
> > FULLEST AND ENJOY EVERY MOMENT, A CHANCE THAT
> > SHE WILL NEVER HAVE.

> > FURTHERMORE, THE AMERICAN CANCER SOCIETY AND
> > SEVERAL CORPORATE SPONSORS HAVE AGREED TO DONATE
> > THREE CENTS TOWARD CONTINUING CANCER RESEARCH FOR
> > EVERY NEW PERSON THAT GETS FORWARDED THIS MESSAGE.
> > PLEASE GIVE JESSICA AND ALL CANCER VICTIMS A
> > CHANCE.

> > ADD ACS@AOL.COM TO THE
> > LIST OF PEOPLE THAT YOU SEND THIS TO SO THAT THE
> > AMERICAN CANCER SOCIETY WILL BE ABLE TO CALCULATE
> > HOW MANY PEOPLE HAVE GOTTEN THIS. IF THERE ARE ANY
> > QUESTIONS, SEND THEM TO THE AMERICAN CANCER
> > SOCIETY AT ACS@AOL.COM.

> > Three cents for every person that receives this
> > letter turns out to be a lot of money considering
> > how many people will get this letter and how
> > many people they, in turn, pass it on to.

> > Please go ahead and forward it to whoever you
> > know- it really doesn't take much to help out.

> > Jean Ann Linney, Ph.D

Date: Thu, 29 Jan 1998 08:09:53 -0500 (EST)
From: Richard Mulvey <mulveyr@frontiernet.net>
To: qrp-1@Lehigh.EDU
Cc: Paolo.Sassoli@italtel.it
Subject: [2285] American Cancer Society scam
Message-ID: <199801291309.IAA35118@node5.frontiernet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

>Hi to all, I got this message yesterday.
>
>It's not qrp, but in all conscience I willingly spent a minute for it.
>
>May be you've already done something for her; in that case I apologize
>for the bandwidth.

> Subject: American Cancer Soc. - a final wish

Please, please, please don't perpetuate scams like this. This one has been around for years. The American Cancer Society has publically stated they they do NOT engage in e-mail or USENET spamming (which is essentially what this article requests)

At the VERY least, check out alt.folklore.urban or news.admin.net-abuse when you feel the urge to pass on something like this. Use common sense. Why would the Cancer Society ask you to send e-mail to an AOL address when they have their own domain? (cancer.org.) These things are often just mechanisms for USENET spammers to gather e-mail addresses so that they can send you trashy advertisements.

It's just a chain-letter, folks. If you can resist the ones that you get via the postal service, why not do the same for the ones you get via e-mail?

- Rich

Date: Thu, 29 Jan 1998 12:52:53 +0000

From: k5zty@juno.com
To: Arjen.Raateland@vyh.fi
Cc: qrp-1@Lehigh.EDU
Subject: [2286] Re: GM-10 mods (QRPP Winter '97 by W6EMD)
Message-ID: <19980129.142214.6342.0.k5zty@juno.com>

I read the GM10 mod article. I t looks like Dave rebuilt the whole transciever. Is it that bad??
Bill, K5ZTY
Houston,TX

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 29 Jan 1998 08:28:07 -0500
From: Bill Nicolson <n2wf@erols.com>
To: Paolo.Sassoli@italtel.it
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [2287] Re: A final wish
Message-ID: <34D083E6.F1F3BE82@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paolo, sorry to tell you but that message is a hoax
it is one of many internet chain letters
72/73 Bill N2WF

Paolo Sassoli wrote:

> Hi to all, I got this message yesterday.
>
> It's not qrp, but in all conscience I willingly spent a minute for it.
>
> May be you've already done something for her; in that case I apologize
> for the bandwidth.

72 de Bill Nicolson -- N2WF
QTH: 38 Tanglewood Lane - Colonia, NJ 07067-3036
Clubs: NJQRP#68; FISTS#2016; NorCal#2098; QRP-L#955; ARS#332
E-Mail: n2wf@erols.com

Stuff: OHR-400; NC40a; 38S; SW-40; NorCal Paddles; LDG QRP Tuner
OHR WM-2; OHR SCAF; Island Keyer

Date: Thu, 29 Jan 1998 06:22:42 -0700
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@Lehigh.EDU
Subject: [2288] Professions and 4 letter words.
Message-ID: <34D082A1.195A9A6A@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I will not offer an opinion of the current worker debate. Let's get off of this postal worker thread and now about words. QRP-L has been totally free of four letter words until now. I can handle the golly gee and SH*****T! Once in a blue moon. Now that the words has appeared here in all it's glory, it is spawning children. PLEASE PLEASE PLEASE drop this thread and the use of "adult" (childish!) language! I can out up with a lot of different opinions, but if "common adult language" will become "common" here, I'm OUTA HERE...

Thanks, I'll be quiet nowNURSE WHERE THE HECK IS MY MEDS?!?!?!?!

Date: Thu, 29 Jan 1998 08:23:56 EST
From: wa8rxi@juno.com (Richard C Arzadon)
To: n7mfb@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [2289] Re: Web Pages as e-mail - NOT with JUNO
Message-ID: <19980129.132842.4775.1.WA8RXI@juno.com>

Bill, et al.
I have internet access and found out something kinda outstanding. I shipped a web page to myself through juno.com and it shows all the characters, figures etc. on how to setup a WEB Page ...

72, Rick

WA8RXI qrp-l #1368

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 29 Jan 1998 08:34:27 EST
From: "Brian Jones" <brian_jones@uk.ibm.com>
To: qrp-l@Lehigh.EDU
Subject: [2290] NO SUBJECT
Message-ID: <199801291334.IAA117194@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Little Red Key etc.

Wow,

life's weird sometimes, I was out of the country on a business trip last week so have not got around to reading QRP-L digests for the last week or so and sent my earlier note before reading yesterdays digest which already has mail re Gil's address. Apologies for extra bandwidth and thanks to Chris N3XRV for supplying Gil's details.

Re QRP SSB, is the Norcal Cascade still available. Looks the sort of thing she was looking for (but haven't found a real spec on this rig).

Brian.

Brian Jones
Java Technology Centre
HURSLEY MP 146 Ext 246896 (+44 1962 816896)
BEJONES AT WINVMD bejones@hursley.ibm.com

Date: Thu, 29 Jan 1998 13:57:32 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [2291] Enough Already
Message-ID: <199801291357.NAA29896@chuck.dallas.sgi.com>

Gang,

OK, that's it. The next individual to repost or repeat the undesirable thread will be banned. Enough is enough.

QRP-L went over four years without the barroom language and I and the list admin will not tolerate it. So if you want to stop getting QRP-L, just test us and see what you get. We have people of all ages from 10 years and up and although in our daily lives we hear this stuff it doesn't belong here.

We have tried to keep the S/N ratio on this group to a low level without getting into a moderated group mode.

OH, this banning will be in effect from this moment on and if you read the previous postings and responded to the group at large it doesn't matter. You are history.

So all we are asking is to keep to subject as close as possible, i.e. QRP related and operating matters etc. If you want jokes then there are other places in the world and on the internet to find plenty of material to keep you occupied.

And if the topic and the flame wars continue today, I will ask Jim to shut down the group for a 24 hour cooling off period just to see if that will help. The world will go on.

de K5FO QRP-L #1

FYI

Chuck Adams K5FO CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Thu, 29 Jan 1998 08:01:33 -0600
From: "Jeff M. Gold" <JGold@tntech.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [2292] Emtech 40 for sale
Message-ID: <00cc01bd2cbe\$67cf7720\$4d0b9595@mm-man.cc.tntech.edu>
MIME-version: 1.0
Content-type: multipart/related; type="multipart/alternative";
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This is a multi-part message in MIME format.

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Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I have a very well built Emtech 40. Don't know of any imprefections =
physically, and it works GREAT! Good receive, has the audio filter, the =
VBT and in the Emtech case. Calibration of dial position seems accurate =
enough. \$135 shipped US.

72
Jeff,

Jeff M. Gold, Ed.S.
Licensed Professional Counselor
Mental Health Service Provider
=20

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 charset="iso-8859-1"
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<DIV>I have a very well built Emtech 40. Don't know of any imperfections =

physically, and it works GREAT! Good receive, has the audio filter, the =
VBT and=20

in the Emtech case. Calibration of dial position seems accurate enough. =
\$135=20

shipped US.</DIV>

<DIV> </DIV>

<DIV>72</DIV>

<DIV>Jeff,</DIV>

<DIV> </DIV>

<DIV>Jeff M. Gold, Ed.S.
Licensed Professional Counselor
Mental =
Health=20

Service Provider</DIV> </BODY></HTML>

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Content-Transfer-Encoding: base64

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dfzIZHci32siXiBUxmB3XyEALBBRWKFYg8qMDAesJaYCKRovmGCzkJzK9VYGeMAaMICneFrJXQBL
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NHBwmaECBzAAF/AlFCAvc3zM5kxmWnSfUdN8bwA4BwMGntNyVyCqBEE1jJAIFYCLJhAHjJCZFKFu
tUnM5Xz0BA1kPIAeb5CxJiDA1GdMwMxOQFap4NorC1AIEsyFDRACbSgkJmArCBBLmTvQBT3S9aVv
7xkwW/SUIqZOA3E7J5BFJVBj7zEEOP+QMwIGBmhkVHggNXrwNLYSXYQd1KrmAgwiiT69AjSYAlnB
bjJwY6vDouPx2aiUMVTnf0eDBnSgEUFDArso1F5daIVTC0iBRDMYUV8AAZLAi1hAYzNQB3YmH14w
BGhwBnfwBGhw12iwEVAwQncwLATQn18d2GKmbiqgAA0YMwxAgzcgB58BFgZwQj9QhHa2f3QwBVzw
B/CKY1jgN1MDErZS2iId2soFJgZgAUJFedF3A8TCAqCBAnsZIVSgYnwCvEiTNG4hNH3Tjj7dnPQH
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MA00sAJH4AUjVEJrrwVLAHdsGHELSAIqwi0fTB+pAgOHANojfuTb5ChxQAhsAgDYbukinSQcoIp
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0xHx0QWFADeFgywbNgJpXugzFRAA0w==

-----_NextPart_000_00C6_01BD2C8C.1D137560--

Date: Thu, 29 Jan 1998 07:58:40 -0600
From: ac5am@juno.com (Robert L Stolzle)
To: qrp-1@Lehigh.EDU
Subject: [2293] FS Argonaut 515
Message-ID: <19980129.075851.3606.0.ac5am@juno.com>

Have for sale an Argonaut 515 with matching 210 PS.
Very nice rig and works well. Also copy of manual.

\$450 plus shipping.

Please e-mail me direct if interested or have questions.

Bob AC5AM

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 29 Jan 1998 09:07:10 -0500
From: "E. Janes" <kg8nh@flash.net>
To: <qrp-l@Lehigh.EDU>
Subject: [2294] unsubscribe
Message-ID: <01bd2cbf\$308462c0\$5ed7c2d0@default>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_0007_01BD2C95.47AE5AC0"

This is a multi-part message in MIME format.

-----=_NextPart_000_0007_01BD2C95.47AE5AC0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

UNSUBSCRIBE QRP-L

-----=_NextPart_000_0007_01BD2C95.47AE5AC0
Content-Type: text/html;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">
<HTML>
<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =
http-equiv=3DContent-Type>
<META content=3D'"MSHTML 4.71.1712.3"' name=3DGENERATOR>
</HEAD>
<BODY bgColor=3D#ffffff>
<DIV>UNSUBSCRIBE =

QRP-L</DIV></BODY></HTML>

-----=_NextPart_000_0007_01BD2C95.47AE5AC0--

Date: Thu, 29 Jan 1998 09:21:40 -0500
From: Derek Brown <DBrown@RFMD.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [2295] Toroids!
Message-ID:
<c=US%a=_%p=RF_Micro_Devices%l=PACHACUTEC-980129142140Z-2423@proxy1.rfmd.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Gang,

Yesterday I contacted Amidon about purchasing some toroids. I was=20
informed that now they have a \$50 minimum order. They referred me to=20
one of their distributors, ByteMark in Orlando, FL. I spoke with=20
Tracy, a ham and a QRPer (sorry, I don't remember his call). He is a=20
most congenial fellow and has set up a very nice Website at:

www.bytemark.com or
www.bytemark.com/amidon (to go directly to Amidon toroids) and
www.bytemark.com/corecalc (to go to his page on CoreCalc - a Windows=20
program for calculating windings)
You can also reach them by phone at: (800) 679-3184.

They offer the full line of Amidon products, Foamvar and enamel wire=20
(available even in =BC lb. spools), winding accessories (holders,=20
bobbins, etc.) and will sell you whatever quantity you desire (no=20
minimum order).

I have no connection with this company and the usual precautions=20
apply. Some people on this list have been known to wind a toroid or=20
two - here's yet another source.

Derek, WF4I
Greensboro, NC
dbrown@rfmd.com

Date: Thu, 29 Jan 1998 07:26:28 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Derek Brown <DBrown@RFMD.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [2296] Re: Toroids!
Message-ID: <Pine.BSI.3.96.980129072418.17036C-1000000@usr02.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Content-Transfer-Encoding: QUOTED-PRINTABLE

On Thu, 29 Jan 1998, Derek Brown wrote:

> Gang,
>=20
> Yesterday I contacted Amidon about purchasing some toroids. I was=20
> informed that now they have a \$50 minimum order. They referred me to=20
> one of their distributors, ByteMark in Orlando, FL. I spoke with=20
> Tracy, a ham and a QRPer (sorry, I don't remember his call). He is a=20
> most congenial fellow and has set up a very nice Website at:
>=20
> www.bytemark.com or
> www.bytemark.com/amidon (to go directly to Amidon toroids) and
> www.bytemark.com/corecalc (to go to his page on CoreCalc - a Windows=20
> program for calculating windings)
> You can also reach them by phone at: (800) 679-3184.
>=20
> They offer the full line of Amidon products, Foamvar and enamel wire=20
> (available even in =BC lb. spools), winding accessories (holders,=20
> bobbins, etc.) and will sell you whatever quantity you desire (no=20
> minimum order).
>=20

=09I myself prefer to buy toroids directly from Micrometals. Amidon
buys all of theirs from them. They don't manufacture anything anymore,
and Micrometals has a smaller minimum order.

=09For more exotic stuff, I go to Eastern Components, but I'm going
to look into the one listed above. You can never have too many resources.

/-----.	Circuit Design for the
/ What's all this \	RF Impaired
/ extinct stuff, anyhow? /	=20
\-----'	Chris Trask / N7ZWY
_ /	Principal Engineer
oo\	ATG Design Services

P.O. Box 25240
Tempe, Arizona 85285-5240
=20
Technical Editor, =20
QRP Quarterly
QRP ARCI 9464
=20
Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Date: Thu, 29 Jan 1998 09:36:38 -0500 (EST)
From: "Paul R. Valko" <prvalko@Oakland.edu>
To: Paolo Sassoli <Paolo.Sassoli@italtel.it>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [2298] Yet Another QRP-L Spam Attack! Re: A final wish
Message-ID: <Pine.OSF.3.95.980129092531.24274A-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Where did I put the ol' KC clue-stick (modified 2x4)? Oh! Here it is... <WHACK!>

Didn't I make this stuff clear just a week or two ago???

ANY email that suggests you "forward to everyone you know!" is a hoax or some other nonsense prank. This one included, of course.

Oh, here's the dope on this spam:
<http://snopes.simplenet.com/spoons/faxlore/mydek.htm>

Now knock it off... that includes Post Office jokes, and any other non-QRP-L topic (except for Q-Dope, which must live on in QRP-L lore, and maybe Dayton Weather...).

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
www.acs.oakland.edu/~prvalko

ObQRP: We need MORE ObQRPs... the local club may be starting a Ten*Tec group purchase and that would even save us the UPS charges 'cause we can pick up locally. I may go for the 5 watt 6M FM rig.

Date: Thu, 29 Jan 1998 07:38:20 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: jessqrp@concentric.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [2299] Re: Professions and 4 letter words.
Message-ID: <34D031EC.58E885F2@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I agree. Remember, we have young people on this list. One that comes to mind is W2MBY, age 11 yrs. He's a great op, and I'd hate to see him driven off by people trashing the list.

--

72/73, de Roger, N7KT

Date: Thu, 29 Jan 1998 10:19:34 -0500 (EST)
From: John Bohnert <johnb@elmhurst.edu>
To: qrp-l@fidoii.cc.Lehigh.EDU
Subject: [2300] QRP DX--TA & 7X
Message-ID: <98Jan29.101935-0500_est.10421-12484+18@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just a note for those QRPers interested in chasing DX...worked

TA4/LZ4VC around 1400 UTC January 27 17M...solid 579 sigs
7X2R0 around 0230 UTC January 29 40M (7.002)...559/589 sigs

using 4.5W. Good hunting

72

John N9KW QRP-L #1257
Elmhurst, IL

Date: Thu, 29 Jan 1998 10:26:50 -0500 (EST)
From: "Phillips Richard" <phillips@msoe.edu>
To: qrp-l@fidoii.cc.Lehigh.EDU
Subject: [2301] Re: Conductive grease
Message-ID: <98Jan29.102657-0500_est.10421-15302+25@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Penetrox (Pentrox?) is a conductive grease used in the electrical industry to coat terminals to prevent corrosion. It is recommended for use with aluminum. It can be purchased at any good electrical supply house. Amateur Electronic Supply sells it, I think, under the Mosely name, for use on aluminum antenna elements. I have used it on my beam antenna and it works quit well.

Richard Phillips
Lab Technician
Milwaukee School of Engineering
414-277-7388, phillips@msoe.edu

Date: Thu, 29 Jan 1998 10:30:52 -0500 (EST)
From: ALK0FRP <ALK0FRP@aol.com>
To: qrp-1@fidoii.cc.Lehigh.EDU
Subject: [2302] w2 beacon on 7040 2w
Message-ID: <98Jan29.103057-0500_est.10421-15302+26@hooch.cc.Lehigh.EDU>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Beacon report

Did not write down the call but a w2 beacon on 7040 was loud this morning at
1300Z solid 579 with 2w.

A K0FRP

Date: Thu, 29 Jan 1998 10:44:24 -0500 (EST)
From: Monte Stark <ku7y@sage.dri.edu>
To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)
Subject: [2303] Re: Conductive grease
Message-ID: <98Jan29.104429-0500_est.10421-15302+27@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 29 Jan 1998, Phillips Richard wrote:

> Penetrox (Pentrox?) is a conductive grease used in the elctrical industry

Yes,

And they also make one for coper wire.

Electrical supply houses have it in large sizes at good prices.
Many home building supply stores also carry it.

When working with Stainless Steel nuts/bolts, be sure to use
a good compound made for SS threads. LocTight (sp?) makes one
and I'm sure others do also.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 29 Jan 1998 10:52:42 -0500 (EST)
From: Monte Stark <ku7y@sage.dri.edu>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2304] Not QRP--Dumb Terminal Question
Message-ID: <98Jan29.105245-0500_est.10421-15302+28@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

I have a Motorola FT-45B Terminal.

If turns on and get to the self check point where
it says something like 'Cable apears inactive'.

Anyone have a book that will tell me how to set
this thing up?

Lots of dip switchs and key options. Can't get to
the key options until it gets past the self test!

Thanks for any help,

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 29 Jan 1998 11:02:28 -0500 (EST)
From: amarriot@direct.ca (Albert Daniel Marriott)
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2305] QRP 15, or RadioKit Xcvr Help
Message-ID: <98Jan29.110232-0500_est.10421-15302+29@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello All,

I need a component layout and any instructions for the RadioKit version of the QRP 15 Transceiver.

This transceiver was originally introduced by Rick Littlefield some years ago, and I have all his articles. The board I have from FAR does not have the components silkscreened, and I am trying to save myself some headaches if I can get a hold of the RadioKit layout to help me.

Any help would be appreciated. Thanks.

Dan VE7CTN
amarriot@direct.ca

Date: Thu, 29 Jan 1998 11:03:32 -0500 (EST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2306] Solar disturbance 29Jan
Message-ID: <98Jan29.110336-0500_est.10421-20936+26@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Current solar/geomagnetic forecast, with possible storming for 29Jan., with some explanations offered for those wishing to learn to interpret these bulletins.

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 028 ISSUED AT 2200Z ON 28 JAN 1998

(snip)

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100Z
TO 28/2100Z:

SOLAR ACTIVITY WAS LOW. A SINGLE UNCORRELATED C1 X-RAY
EVENT WAS DETECTED AT 28/0253Z.

A C1 flare is fairly minor, with the X-rays emitted generally indicating the disturbance came from within the sun, not from the coronal surface. It may have caused some HF bursting at the time of the disturbance, but not energetic enough to cause any further effects to the Earth.

THERE ARE CURRENTLY FIVE ACTIVE
REGIONS ON THE VISIBLE DISK, WITH REGION 8143 (S36W04) BEING THE
MOST COMPLEX AS A 17-SPOT 'FAI' BETA-GAMMA.

By complex, this refers to the magnetic fields associated with these spots. It is known that complex magnetic structures amongst sun spots is often a precursor to a solar disturbance or a Coronal Mass Ejection (CME). Thus, if the magnetic structure continues to grow and get more complex, this region could be capable of producing C-class or M-class flares in the next few days.

Generally, a C6-C9 flare will cause radio bursting at the time of the disturbance, and eventual geomagnetic storming a few days later *if* the Earth is in the trajectory of the outstreaming electrons. An M-class flare (the next strongest category after C's) almost always produces significant geomagnetic storming, and often lasting 2-3 days.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BECOME MOSTLY UNSETTLED TO ACTIVE WITHIN THE NEXT 24
HOURS, WITH A CHANCE FOR ISOLATED PERIODS OF MINOR STORMING, IN
RESPONSE TO THE PARTIAL HALO CME DETECTED ON 25 JANUARY.

The 25 January CME (Coronal Mass Ejection, or solar flare) ejected electrons and protons, whose trajectory will strike the Earth at supersonic speeds. When this shock wave arrives, it compresses the electrons in our ionosphere, causing geomagnetic disturbances (a geomagnetic storm) and high absorption to HF radio waves in the ionosphere (E and F layers). The compression of the Earth's ionosphere moves layers of electrons through our magnetic field, which produces the bursting static heard on HF. Furthermore, the electron density in our lower atmosphere increases, which can markedly lower the MUF (maximum usable frequency).

Thus, the next 24 hours will likely experience a minor geomagnetic storm, characterized by strong, bursting static ... and a low MUF, meaning the upper bands (20M and above, maybe 30M) will possess little if any skip propagation. The arrival of this wavefront of electrons from the CME will get trapped in our magnetic field, eventually accumulating at our poles meaning the geomagnetic storming will be worse at high latitudes (>45 degrees latitude). The electron density and velocity of this wavefront arriving from the sun suggests the disturbance will be of short duration, meaning 24 hours or less.

IV. PENTICTON 10.7 CM FLUX

OBSERVED 28 JAN 097

PREDICTED 29 JAN-31 JAN 098/098/098

Solar flux levels around 100 or greater implies good propagation due to high MUF and good reflection ... assuming of course nothing else is in play, like a geomagnetic storm:

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 JAN 004/006

ESTIMATED AFR/AP 28 JAN 004/005

PREDICTED AFR/AP 29 JAN-31 JAN 020/015-015/020-010/010

Generally, an A INDEX of 7 or less indicates a quiet geomagnetic field. The prediction of 15-20 is approaching minor storm levels.

VI. GEOMAGNETIC ACTIVITY PROBABILITIES 29 JAN-31 JAN

A. MIDDLE LATITUDES

ACTIVE	60/50/20 <---	50-60% chance of active geomagnetic
MINOR STORM	20/15/10	activity (moderate bursting) and a
MAJOR-SEVERE STORM	10/05/02	20% chance for a minor storm.

B. HIGH LATITUDES

ACTIVE	70/60/20	
MINOR STORM	20/20/10 <---	and even a greater chance in the
MAJOR-SEVERE STORM	10/05/01	higher latitudes for the reason discussed above.

So for 29 January ... 80M anyone?

72, Paul NA5N

National Radio Astronomy Observatory
Socorro, New Mexico

Date: Thu, 29 Jan 1998 11:24:36 -0500 (EST)
From: Rohn <rohn@pubrats.com>
To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)
Subject: [2307] SGC2020 & Headphones?
Message-ID: <98Jan29.112449-0500_est.10421-15302+30@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I may have missed something, but looking at the SGC web site info, I saw no indication in the text or in the photos that a headphone jack is "standard" on the radio... that can't be, can it? I missed something, right?
I did notice a separate jack for paddles & straight key.

72's
Rohn (n0rtx)

Date: Thu, 29 Jan 1998 11:41:10 -0500 (EST)
From: Kevin Muenzler <wb5rue@stic.net>
To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)
Subject: [2308] RE: w2 beacon on 7040 2w
Message-ID: <98Jan29.114121-0500_est.10421-15302+31@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On AlK0FRP@aol.com, AlK0FRP wrote:

> Beacon report
> Did not write down the call but a w2 beacon on 7040 was loud this morning at
> 1300Z solid 579 with 2w.
>
> A K0FRP
>
>
>
>

I have a stupid question ---

Why would anyone put a beacon on the calling frequency?

Kevin

Date: Thu, 29 Jan 1998 11:41:26 -0500 (EST)
From: Walter Dufrain <dufrain@gte.net>
To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)
Subject: [2309] Link Tuner Hardware
Message-ID: <98Jan29.114137-0500_est.10425-21962+24@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi to all, a nice little part for tuning link tuned tuners
is a "side mount operator for awning windows" for mobile
homes. It rotation range is about 110 degrees, worm gear
drive with about 6-7 turns of the shaft for the full rotation.

Here locally, Wal-Mart had them but most mobile home dealers
have them for repair/replacement for the awning windows. The
original price was \$2.96 but this item was in the discount
isle for \$1.00 :-)

Approx. size is 2" tall x 1.25 deep x 3/4" wide with a protruding
shaft that needs to be filed down just a little to fit in a 1/4
knob. The manufacturer of this one is, United States Hardware
Manufacturing, Inc. Washington, PA 15301. Part # WP-8867C.

Nope, I dont work for um, or sell um, just happy to find a
gear drive that works great.

Walter AG5P
walter@inlink.com = private email

Date: Thu, 29 Jan 1998 11:53:57 -0500 (EST)
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)
Subject: [2310] Re: Solar disturbance 29Jan

Message-ID: <98Jan29.115407-0500_est.10421-21962+25@hooch.cc.Lehigh.EDU>

On Thu, 29 Jan 1998 11:03:32 -0500 (EST), "Paul Harden" <pharden@aoc.nrao.edu> wrote:

> Generally, a C6-C9 flare will cause radio bursting at the time of the
> disturbance, and eventual geomagnetic storming a few days later *if*
> the Earth is in the trajectory of the outstreaming electrons. An M-
> class flare (the next strongest category after C's) almost always
> produces significant geomagnetic storming, and often lasting 2-3 days.

Hi Paul,

Would it then be safe to say that since these electron streams are projected from the Sun, it will not affect the "blind" side of the earth? Ie. If it is midnight here, I will not directly hear all the noise which resulted from being hit by a geomagnetic storm? Does it also mean that such storms occur only during day time for any particular locale? Thanks, just curious.

73 de 9V1ZV Daniel

--

```
+-----+-----+
| Daniel Wee | daniel@pandora.lugs.org.sg |
| 9V1ZV      |                               |
| QRP-L #667 | 9V1ZV@amsat.org                   |
+-----+-----+
```

Date: Thu, 29 Jan 1998 11:54:15 -0500 (EST)
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: qrp-l@fidooo.CC.lehigh.EDU (qrp-l)
Subject: [2311] Re: BUILD this receiver...Part 2A
Message-ID: <98Jan29.115423-0500_est.10421-15302+32@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Glen's second learning challenge:

> The first (series-connected diode and headphones) gave a
> weak 60 Hz. buzzing, modulated weakly by an AM radio station. The
> second circuit (parallel diode and headphones) played beautifully.
> Now I'm not suggesting that everyone will get the same results,
> but the first circuit (as shown) has a BIG flaw.

> THINK about it, and stay tuned for the answer.

Here are a few questions that might give some insight:

Try this experiment. Connect a 0.1 uF capacitor across the headphones in the series circuit version (the capacitor will be in parallel with the headphones). Did the circuit's performance change? Why?

What is the impedance of 0.1 uF at 1 MHz? What is the impedance of 0.1 uF at 1 kHz?

What do you think would happen if you used a 100 uF capacitor instead of 0.1 uF? (Try to answer before you try it) What about 100 pF?

Extra credit: Based on your knowledge gained from this experiment, answer the following questions:

Would it make a difference what kind of capacitor you used across the headphones (ceramic, polystyrene, tantalum)?

Is the capacitor's value tolerance important in this application? (+-5%, +80%-20%. etc.)

What should the capacitor's voltage rating be?

Date: Thu, 29 Jan 1998 12:01:50 -0500 (EST)
From: wmcshan@REX.RE.ouhsc.edu (Mike McShan)
To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)
Subject: [2312] RE: w2 beacon on 7040 2w
Message-ID: <98Jan29.120153-0500_est.10421-21962+26@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>On AlK0FRP@aol.com, AlK0FRP wrote:

>> Beacon report

>> Did not write down the call but a w2 beacon on 7040 was loud this morning at
>> 1300Z solid 579 with 2w.

snip

>

>I have a stupid question ---

>Why would anyone put a beacon on the calling frequency?

>

>Kevin

I heard it (W2HOQ, if I remember correctly) last night but closer to 7042 KHz. Excellent signal into OK City area (579).

Mike N5JKY

Edmond, OK

Date: Thu, 29 Jan 1998 12:02:21 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l@fidoi.cc.lehigh.EDU (qrp-l)
Subject: [2313] Solar disturbance? Who cares, 15 is wide open!
Message-ID: <98Jan29.120223-0500_est.10421-15302+33@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Solar disturbances are a way of life...on the way to a doctor's appointment today, I worked into central Europe (QRP of course) on 15, and I was hearing tons of EU stations trying to work YS1X.

Personally, I was going for CN2IB (memory might be getting it wrong) and everyone was strong. Haven't seen conditions like this since November!

Then again, it might jst be my "sheltered" life, consisting of working away from radios during daylight hours.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Thu, 29 Jan 1998 12:12:35 -0500 (EST)
From: ki6ds@dpo1.k12.ca.us (Hendricks, Doug)

To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)
Subject: [2314] Back to the Future Project Inductor???
Message-ID: <98Jan29.121239-0500_est.10421-12484+20@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

We need your help again. The Chopped Beef Slider VFO project that Bruce Muscolino is updating for NorCal calls for a modified Radio Shack RF Choke. Here is the description:

L1 = Modified rf Choke (Radio Shack 273-102). Remove original turns and replace with approximately 100 turns of no. 28 enameled wire.

Bruce and I both agree that this part is absolutely huge. We would like to replace it with a Mouser choke that is much smaller in physical size. The original choke is still sold by RS. Would someone with one of those ADE LC digital meters go down to RS, buy one of the chokes, and then do the following tests. Prepare the choke as above and measure the value. Repeat the test 4 more times, using new #28 wire each time to wind it. Then report to us your values. Thank you in advance for the help. 72, Doug KI6DS and Bruce W6TOY

Date: Thu, 29 Jan 1998 12:22:29 -0500 (EST)
From: Steve Galchutt <n0tu@webaccess.net>
To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)
Subject: [2315] Re: w2 beacon on 7040 2w
Message-ID: <98Jan29.122239-0500_est.10421-20936+27@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Question is...What is the "purpose" of this beacon???

I heard it too Al...last night and this morning S8-9. It's call is WA2HOQ. Dead on 7040!

Maybe he could have chosen a little off 7040? I guess I must have missed the post that describes the reason for this beacon and QSLing info?
Steve-n0tu

AlK0FRP wrote:

>
> Beacon report
> Did not write down the call but a w2 beacon on 7040 was loud this morning at
> 1300Z solid 579 with 2w.

email:N0TU@webaccess.net

Date: Thu, 29 Jan 1998 12:22:53 -0500 (EST)
From: Rohn <rohn@pubrats.com>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2316] re: SGC2020 & Headphones?
Message-ID: <98Jan29.122255-0500_est.10421-20936+28@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I apologize if this has already been mentioned on the list (I get the digested version so I won't see list responses until this evening)... it has been pointed out to me in private emails that the audio out jack is just not shown in the pictures, but it does exist.

Sorry for causing a stir :)

Rohn (n0rtx)

Date: Thu, 29 Jan 1998 12:29:16 -0500 (EST)
From: PGSPersEng@aol.com
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2317] Homodyne receiver (long)
Message-ID: <98Jan29.122925-0500_est.10421-15302+34@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Today I received the following press release from Rockwell Collins. I think people on this mailing list might find the technology interesting. How long before this stuff trickle down to our QRP rigs? But don't we already have some

direct-conversion rigs around?

Paul, AA1MI

Rockwell Collins introduces Break-through Technology with New Direct Conversion Receiver

Cedar Rapids, Iowa (Jan 15, 1998)--Rockwell Collins has begun delivery of a new all-purpose communications and surveillance receiver capable of spanning VLF through UHF radio transmissions. The Collins 95S-1A Direct Conversion Receiver supports a wide variety of radio receiving applications including government, military and commercial communications, spectrum surveillance and test systems.

The new receiver features state-of-the-art direct conversion -- or homodyne -- technology, resulting in a higher performance, less costly general purpose communications and surveillance receiver.

"By using direct conversion architecture to develop the Collins 95S-1A, we offer customers substantial improvements over traditional superheterodyne receivers," said Product Manager Scott Martin of the Collins Avionics and Communications Division. "Simplicity is the beauty of this product. With the first production lot now delivered to end-users, the 95S-1A has already received excellent customer acceptance," he said.

Direct conversion architecture uses a single mixer with a single oscillator tuned to the desired signal frequency, converting a signal directly to baseband -- the zero-frequency "IF" signal. Traditional superheterodyne receivers translate incoming radio signals to one or more intermediate frequencies where successive stages of amplification, band pass filtering and gain control are applied.

The advantages of the Collins 95S-1A include elimination of spurious signal generation mechanisms; wide spurious-free running range compared to superheterodyne receivers; lower parts count with only one conversion and local oscillator circuit; and improved reliability and reduced power consumption and size.

"For years unsolved technical problems prevented this architecture from having commercial applicability," said Martin. "However, digital signal processor technologies developed and patented by Rockwell have resolved these shortcomings, and we are pleased to be the first to introduce the homodyne receiver to the communications and surveillance market."

Rockwell is a global electronic controls and communications company with leadership positions in industrial automation, avionics and communications,

and semiconductor systems with fiscal 1997 sales of approximately \$8 billion and 45,000 employees. Rockwell's world headquarters is located in Costa Mesa in Orange County, Calif.

###

Date: Thu, 29 Jan 1998 12:37:05 -0500 (EST)
From: Sam <kc5tja@animeonline.ml.org>
To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)
Subject: [2318] Re: Not QRP--Dumb Terminal Question
Message-ID: <98Jan29.123711-0500_est.10422-20936+29@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> If turns on and get to the self check point where
> it says something like 'Cable apears inactive'.

On a hunch, is its serial port plugged into anything? I remember some VAX 11/780 terminals will not do anything unless it was able to detect the other side of the connection. If the serial port isn't plugged into anything, you might want to try using a null modem and a serial cable to connect it to your computer. Be sure to run some kind of terminal program so that the serial port becomes active on your computer.

Just a thought.

=====
-| TEAM DOLPHIN |-
Chief Architect and Project Founder
(web page under construction)

PGP 5.0 Public Key Available Upon Request.

Date: Thu, 29 Jan 1998 12:45:16 -0500 (EST)
From: John Evans - N0HJ <jaevans@codenet.net>

Steve et al.,

BTW, Steve - I heard you this AM before I went to work on 40m finishing up a QS0. Are you off today or just going in later than me??

John A. Evans	Chief Systems Administrator
Office: (719) 528-1800 x164	Titan Software Systems
Fax: (719) 528-1888	1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com	Colorado Springs, CO 80907-3535

Date: Thu, 29 Jan 1998 13:35:46 -0500 (EST)
From: Ed Loranger <we6w@qsl.net>
To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)
Subject: [2320] Re: Mechanical Filters.. HOW?
Message-ID: <98Jan29.133558-0500_est.10421-21962+27@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You should see the 9 inch high stack of tech. papers I've printed out. I've read nearly all of them, carefully highlighting

the drawings and paragraphs for ease of reference. Just like I did when I studied the patent, in great detail, of the Butternut vertical. (What a concept, what a neat design.)

Those older QST's are about as hard to find as spare Dollar bill in my house with 2 highschoolers....

However, your post is motivating!

thanks,
Ed

--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Thu, 29 Jan 1998 13:36:28 -0500 (EST)
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2321] Re: Mechanical Filters.. HOW?
Message-ID: <98Jan29.133643-0500_est.10421-15302+35@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

W. Daniel, 9V1ZV wrote:

> Am I right that most of these mechanical filters are 455kHz and below? Are
> there any for 9MHz for example? Thanks.
>

The references I have, (Books, IBM patent server), specifically mention Designs from 50 KHz channels in commercial telecommunications equipment all the way up to 500 MHz designs.

I have read that there are different methods of approaching the mechanical filter. Acoustic, or RF resonance and Also Surface Acoustic Wave methods.

Driving methods are: Electro-mechanical, i.e. coil and ferrous magnetic material driving rod (Similar to a speaker), and Piezo-electric transducers on the two end discs or rods. Today it appears that the Rod design is more prevalent than circular disc designs. Also, there has been much work on channelizing

and frequency splitting within the mechanical filters.

cool stuff.

We are currently the Have-nots in this arena.

-Ed

> 73 de 9V1ZV Daniel

> --

```
> +-----+-----+
> | Daniel Wee | daniel@pandora.lugs.org.sg |
> | 9V1ZV      |                               |
> | QRP-L #667 | 9V1ZV@amsat.org             |
> +-----+-----+
```

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Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Thu, 29 Jan 1998 13:37:06 -0500 (EST)
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2322] Re: WE6W snubs AL7FS/2 :-)
Message-ID: <98Jan29.133713-0500_est.10421-20936+30@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larsen, Jim wrote:

>

> Can you believe WE6W! He is making the trip to my receiver here in New
> Jersey at 0235Z on 7.041.2 apprx. He chose a 599 signal WA5YFY over my
> S-0 signal. I will never understand why. :-)

Hi! Sri Om, but where were you at 2:35 AM PST???? Yup, I had a bit
of the 'Chili-dog' heartburn and worked a couple in the wee
hours. One guy QRS at about 8 WPM on 7042. I think he fell asleep
before I got to 'antenna here is...' Yes, I ID every 10 minutes.....

Actually we had some deep QSB.

I wish I'd heard ya Jim! But thanks for the SWL report! Nice to

know that little old Bazooka antenna can reach the Right coast.

In fact, I like this thing so much I'm going to add the top wire to convert the feedpoint to 300 ohms and actually Match my feedline!

But I had to compare the Bazooka to my prior Dipole using same configuration.

>

> I worked N5GW, Gene, in MS last night but the qrm got us.

Glad you're having a blast! Look forward to you return.

> Jim, AL7FS

Will listen for you tonight after the hunt, unless my xyl grabs ahold of that Hatchet. This usually signifies my rig is next!

Did y'all see the TV Show last night: 'The Sentinel'. He coined the phrase: "He went Postal on me..."

Talk about contemporaneous discussions...

72,

-Ed

--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Thu, 29 Jan 1998 13:37:27 -0500 (EST)
From: Michael Maiorana <mikemo@ibm.net>
To: qrp-l@fidoii.cc.lehigh.EDU (qrp-l)
Subject: [2323] List of Elmer project students (long)
Message-ID: <98Jan29.133728-0500_est.10421-21962+28@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok, my fingers are numb but I got all these names into a spreadsheet.
We have a total of 92 people who want to participate and buy the kit.

Sorry about the spacing on the email but that's how it transferred.
If you wrote me email and wanted a kit reserved for you your name should
be on this list along with your correct email address. If I messed up
email me asap.

adam-kanis@uiowa.edu	Adam Kanis	n2brt
bertieh@dancris.com	Berti	n7xjw
bfollett@bitell.com	Bob Follett	ab7st
bigbob97@aol.com	Bob	wb2dhk
bmug@gwl.com	Brad Mugleston	kb0rol
bogateer@vegasnet.net	Robert Brown	wb2dvx
buckpd@corning.com	Preston Buck	n0glm
cc1595@cocentral.com	Roy Lincoln	wa4dou
cpetry@ccs.lmco.com	Pete Petry	wd4dhr
dave_epps@juno.com	Dave	ab5pc
dbullard@peachnet.campus.mci.net	Don Bullard	wa4iml
dcscott@us.ibm.com	Dale Scott	w7hlo
destimson@juno.com	Dick Stimson	kk5xo
dhogan@lightside.com	Dan Hogan	wa6pby
dmrawson@aol.com	Dave Rawson	kb8rrg
dub@oklahoma.net	J.W. Thornton	wa5yfy
eakwik@mail.hac.com	Ed Kwik	
edweal@netcom.com	Ed Weal	k6qlh
foxes@theriver.com	Andy Fox	kk7hv
garymon@gte.net	Gary Montalbaine	wa4szi
gcnye@mail.bright.net	Gary Nye	wd8kqy
gmdiana@kodak.com	Gary Diana	n2jgu
gmen@chevron.com	Glenn Menard	w6ki
grundin@pacific.vdbs.com	Jeff Grundin	ac6kw
hodgins@rtp.semi.harris.com	Bob Hodgins	ks4hq
ji3m@maxwell.com	James Duffey	kk6mc
jma@eps.inso.com	Jim Applewb1dog	
johnb@elmhurst.edu	John Bohnert	n9kw
jokortge@mci2000.com	Jim Kortge	k8iqy
jrospopo@owc.net	Jim Rospopo	
ka7you@juno.com	Rod Johnson	ka7you
kb2sqt@eclipse.net	Don Branflick	kb2sqt
kc4iyd@ix.netcom.com	Nancy Hall	kc4iyd
ke4iof@hiwaay.net	Mark Andrews	ke4iof
kf9hc@starcourier.com	Richard Frank	kf9hc
ki6ds@dpol.k12.ca.us	Doug Hendricks	ki6ds
ki7mn@dancris.com	Bob Hightower	ki7mn
kl7ixi@mailcity.com	Michael Fletcher	kl7ixi
kl7jaf@polarnet.com	Bruce Hopkins	kl7jaf
kw3u@warwick.net	Jim	kw3u
lib.po1.rhambric@cis-gw.tamu.edu	Ron Hambric	n5sbn
macstein@cftnet.com	Mac Steinmeyer	

malman@world.std.com Joel Malman wa1qvm
marklori@visuallink.com Mark Kesner kc4gia
melgm6jag@aol.com Mel gm6jag
mikec@primenet.com Michael Connor nq7k
mikemo@ibm.net Mike Maiorana kf4trd
mlynch@skyyenet.net Martin Lynch ka1lxg
msebrakr@telepath.com Roger Braker
mtracy@arrl.org Michael Tracy kc1sx
mutabut@net66.com Terry Bassett ka9txe
n0ihm@info.starpoint.net Wes Jenson n0ihm
n1gpy@together.net Frank Alwine kt1vt
n2wff@erols.com Bill Nicolson n2wff
n5em@flash.net Ed Manuel n5em
n7kt@earthlink.net Roger Hightower n7kt
nt1r@aol.com Bill nt1r
nu6sn@usa.net Richard Fisher nu6sn
orientbob@aol.com Bob Nichols
penzo@juno.com Michael Penzo
pepperb@govonca.gov.on.ca Brien Pepperdine ve3vaw
pgsperseng@aol.com Paul aa1mi
phelbert.rica.net Paul Helbert wv3j
pierre@cmpe.ubc.ca Pierre Constantineau
plquick@facstaff.wisc.edu Paulette Quick wb9vhf
rattray@gpfn.sk.ca Bruce Rattray ve5rc
rbarry@vnet.ibm.com Bob Barry wb2cwa
rbayha@ix.netcom.com Bob Bayha k6rkb
rhon@pubrats.com Rhon n0rtx
rli8m@weyl.math.virginia.edu Ralph Irons n7ri
ronald_a_pfeiffer@res.raytheon.com Ronald feiffer n1zsw
russmin@aol.com Russ w0nbu
sawicki@worldnet.att.net Felix Sawicki ke4jwx
sjolin@swbell.net Dave Sjolin n0it
skrosner@mindspring.com Stephen Krosner k2zpf
srichard@aldus.northnet.org Richard Sherman wz2t
sslyon@worldnet.att.net Seab Lyon aa1my
swgibson@worldnet.att.net Steve Gibson wb4nbi
talljazz@teleport.com Dan Presley n7cqr
tedkell@juno.com Ted Kell kc5cuw
terresfm@ncia.net Jerry Terres aa1of
tpettibo@nmsu.edu Tim Pettibone k5oi
w4fpj@doubled.com Bob w4fpj
w6toy@erols.com Bruce Muscolino w6toy
wa8rxi@juno.com Richad Arzadon wa8rxi
Wager@juno.com James Cates wa6ger
wb7whi@triax.com wayne Barnhart wb7whi
wbw95k@timon.acu.edu William Wyatt kc5zgh
wd4et@juno.com Jeff Greer wd4et
wgabriel@duke-energy.com Watson Gabriel wb4exw

wmcshan@rex.re.ouhsc.edu Mike McShan n5jky
wr.moore@att.net William Moore ks4l

Date: Thu, 29 Jan 1998 14:00:13 -0500 (EST)
From: "John J. McDonough" <jjmcd@mdn.net>
To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)
Subject: [2324] RE: Not QRP--Dumb Terminal Question
Message-ID: <98Jan29.140014-0500_est.10421-20936+31@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

> If turns on and get to the self check point where
> it says something like 'Cable apears inactive'.

On a hunch, is its serial port plugged into anything? I remember some VAX
11/780 terminals will not do anything unless it was able to detect the
other side of the connection. If the serial port isn't plugged into

How old is the thing? Around the time of the 11/780, most terminals
were happy if the right pins were pulled up. Some pre-VAX terminals,
tho, not only needed the right signals, but they had to become true
in the correct sequence, so simply jumpering wasn't sufficient.

de WB8RCR

Date: Thu, 29 Jan 1998 14:01:14 -0500 (EST)
From: Ed Tanton <n4xy@bellsouth.net>
To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)
Subject: [2325] re: SGC2020 & Headphones?
Message-ID: <98Jan29.140129-0500_est.10421-12484+22@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Do they do it with mirrors?

///snip

Date: Thu, 29 Jan 1998 14:29:52 -0500 (EST)
From: Michael Maiorana <mikemo@ibm.net>
To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)
Subject: [2327] Updates to elmer student list
Message-ID: <98Jan29.143001-0500_est.10427-15302+36@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Got some late requests and added them. We have room for three more if anyone else is interested.

jkhampton@aol.com Tom Waitsac5jh
maprath@prairienet.org Mark Prather wb9hfk
craigh@xmission.com Craig Homer
rayj@starbase.net Ray Johnson wa2ygy
n2tnn@ifu.net Dean Marzocca n2tnn

Date: Thu, 29 Jan 1998 14:31:12 -0500 (EST)
From: Laura Halliday <ve7ldh@direct.ca>
To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)
Subject: [2328] Re: Homodyne receiver (long)
Message-ID: <98Jan29.143116-0500_est.10421-20936+32@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Cool!

Many techniques have been reborn thanks to new technology, like phasing and Weaver SSB. Rick Campbell KK7B published some direct conversion rigs in QST some time ago (reprinted in QRP Power) that showed what you could do with modern components and a thoughtful design.

Side question for the Elmer thread folks: what do you think of the R1 article?

...laura

Date: Thu, 29 Jan 1998 14:31:41 -0500 (EST)
From: Robert Nygren <rnygren@epix.net>
To: qrp-l@fidoi.cc.lehigh.edu (qrp-l)
Subject: [2329] Thank You Michigan QRP Club !
Message-ID: <98Jan29.143146-0500_est.10421-12484+24@hooch.cc.lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I can't think of a better place to thank the Michigan QRP Club than here on the QRP-List.

Around this time last year, Hank, K8DD, brought to the attention of the group, the "Rebirth" of the Michigan QSO Party, complete with a QRP class. I always enjoy the Pennsylvania QSO Party, so I thought I'd give the Michigan one a try. I didn't really strap myself into the operating position for the weekend, choosing instead to tune the bands working Michigan stations. While operating mostly CW, (Low frustration point!), I did manage a few SSB contacts.

Earlier this week, I was suprised to receive a plaque for "High Score, QRP Division". Now, I've managed a few pieces of "wallpaper" before, But this is my first piece of hardwood. So THANK YOU Michigan QRP Club for sponsoring this award.

State QSO parties can be a ball! There's a bunch coming up, so give 'em a try. Have fun, and be sure to submit your log.

73, Bob N3RN <rnygren@epix.net>

Date: Thu, 29 Jan 1998 14:32:08 -0500 (EST)
From: Bob Bayha <rbayha@ix.netcom.com>
To: qrp-l@fidoi.cc.lehigh.edu (qrp-l)
Subject: [2330] Re: List of Elmer project students (long)
Message-ID: <98Jan29.143216-0500_est.10421-21962+29@hooch.cc.lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Probably useless information, but I was just curious.... Breakdown of Elmer Project Participants by call area:

Area - Number

0 - 6

1 - 10

2 - 9

3 - 2

4 - 15

5 - 9

6 - 11

7 - 13

8 - 4

9 - 4

Canada - 2

Plus a number with no call listed.

Must be the statistical gene in me!!!! hi, hi.

Bob, K6RKB

Date: Thu, 29 Jan 1998 14:32:26 -0500 (EST)
From: torell@sicom.com (Kent Torell)
To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)
Subject: [2331] Elmer student list
Message-ID: <98Jan29.143231-0500_est.10425-15302+37@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Wow! I'd be thrilled (and intimidated) to be able to teach to such a class! Another "who's who" list from the qrp-1! Eager, excited, motivated, polite, ready to provide instant feedback ...

Good luck to the teacher/authors. It's going to be a GREAT spring on the qrp-1!!!

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A scQRPion 6,qrp-1 57,ARCI 9075 DM33xn 33.55 N 112.078 W

Date: Thu, 29 Jan 1998 14:51:55 -0500 (EST)
From: Brad Mugleston <bmug@gw1.com>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2332] Elmer Project
Message-ID: <98Jan29.145203-0500_est.10421-12484+25@hooch.cc.Lehigh.EDU>
Content-Type: text

I'm all excited for the elmer project to get going BUT can we (I) build something other than the 40M rig? I really don't need another 40M rig, I was thinking of 20 or higher. I don't mind if the group generally builds the 40 if others could something else (same kit different band). But if the difference between the 40 and the 20 is enough to confuse a business major I will build the 40.

Thanks

de KB0ROL, Brad

Date: Thu, 29 Jan 1998 15:17:03 -0500 (EST)
From: Brian Kassel <bkassel@dancris.com>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2333] Re: Mechanical Filters.. HOW?
Message-ID: <98Jan29.151719-0500_est.10421-21962+30@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

W. Daniel, 9V1ZV wrote:

>

> On Wed, 28 Jan 1998 18:22:16 -0800 (PST), "Monte Stark" <ku7y@sage.dri.edu>
wrote:

> > On the other hand, you can still buy the Collins

> > Mechanical Filters and save lots of work! :-)

>
> Am I right that most of these mechanical filters are 455kHz and below? Are
> there any for 9MHz for example? Thanks.

Daniel et all:

Yes, that's correct. Since they are essentially mechanical devices, the tolerances become very difficult to maintain above about 500 KHz or so. I have a drawer full of mechanical and crystal filters that I have collected over the years. It's interesting to see how the filter technology has evolved. Even in their day, mechanical filters were VERY expensive for a guy with a QRP budget.

The ones that I have accrued are of questionable heritage, or purchased from a junk box under the table at a hamfest etc.

Yes, I admit it: I *AM* a scrounger, although I'm currently enrolled in a 12 step program ...;)

Brian Kassel W5VB0
ARCI # 3623
Phoenix AZ ScQRPions

Date: Thu, 29 Jan 1998 15:17:37 -0500 (EST)
From: Andy Fox <foxes@theriver.com>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2334] Re: List of Elmer project students (long)
Message-ID: <98Jan29.151749-0500_est.10421-20936+33@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

While Bob, K6RKB was sorting by call area, I was sorting by license class. I'm not sure what drove me to do it, but here are the results (including the newest five):

Technician 1%

Tech Plus 10%
General 16%
Advanced 25%
Extra 48%

(U.S. calls only)

72

--

Andy Fox, KK7HV
mailto:foxes@theriver.com
<http://personal.riverusers.com/~foxes/>

Date: Thu, 29 Jan 1998 15:46:38 -0500 (EST)
From: Bill Howell <bhowell@mail.utexas.edu>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2335] Re: LDG tuner and birdies
Message-ID: <98Jan29.154650-0500_est.10421-15302+38@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Kelly Ellison wrote:

"my unit produces strong birdies on the bands.
I have not charted the birdies but I know there are at least two on the
bottom of ten meters."

.....

Kelly,

I've noticed this (10m birdies) on my AT-11 also.
I haven't gotten around to checking other bands yet.

What I'd like to do is make a list of all the birdie
freqs and email them to LDG and see what they say.

You are not alone with this problem!

72,

Bill Howell
University of Texas at Austin
Performing Arts Center
Electronic Maintenance
N5ALO QRP-L #415

Date: Thu, 29 Jan 1998 15:47:05 -0500 (EST)
From: "Fishman, Clark" <cfishman@pica.army.mil>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2336] Mechanical Filters
Message-ID: <98Jan29.154720-0500_est.10421-12484+26@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain

With all the talk about mechanical filters I think in the time you tried to build one of them you could have built a dozen working crystal filters

Clark Fishman WA2UNN cfishman@pica.army.mil

Date: Thu, 29 Jan 1998 15:48:01 -0500 (EST)
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2337] Re: Mechanical Filters.. HOW?
Message-ID: <98Jan29.154806-0500_est.10421-15302+39@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brian Kassel wrote:

> The ones that I have accrued are of questionable heritage, or
> purchased
> from a junk box under the table at a hamfest etc.
> Yes, I admit it: I *AM* a scrounger, although I'm currently enrolled

> in a 12 step program ...;)
>
> Brian Kassel W5VB0

Would you be willing to trade? I would really like a 9 MHz mech.
filter for CW, but anything would be neat!

I've got this neat little Plastic Code key, Made in China --HI!

Seriously, if anyone has one, maybe send me an email on what
you might need for a trade.

Tks,
Ed
--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Thu, 29 Jan 1998 15:47:31 -0500 (EST)
From: RangerSF5@aol.com
To: qrp-l@fidoii.cc.lehigh.EDU (qrp-l)
Subject: [2338] WA2HOQ
Message-ID: <98Jan29.154735-0500_est.10422-20936+34@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

This is WA2HOQ,
The beacon your hearing is not coming from me.
The only beacon keyer setup I have at this time is apart as I am trying to
figure out how to fit the Pixie # 2 inside of the case.
The beacon keyer has been apart for the last two days.
As a qrp kit builder and operator for the last 20 years, the last thing I would
do is to put a beacon on a calling freq. of 7.040
We have enough qrp/qrm problems and I would be the first to complain.
I love qrp and cw and would never do anything to on the air waves to make
myself look like a lid.
I have had put a beacon on not long ago for test, and I did post it on this
board.
Several members did respond via "E" mail and 1 phone call
I also received a qsl card thanking me for the nice qso on 2 meter ssb.
I do not own 2 meter ssb gear

I take great pride in my qrp operating skills, and now with all the neat little goodies hitting the market to stuff into that little box, i'm starting to enjoy soldering again.

SO, if someone is using my call, I have no control over that

Bob

WA2HOQ

Date: Thu, 29 Jan 1998 15:48:20 -0500 (EST)
From: traylor@ECE.OST.EDU (Roger Traylor)
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2339] Re: Homodyne receiver (long)
Message-ID: <98Jan29.154821-0500_est.10421-12484+27@hooch.cc.Lehigh.EDU>
Content-Type: text

Paul and Gang,

I'm not too surprised. Much of the wireless research being done today revolves around direct conversion designs. It's a real bummer to integrate those crystal filters onto silicon. ;^)

Roger Traylor

(who is spending every other waking hour eliminating one more transistor from his 23 transistor 2n2222 design)

WB4TPW

> Today I received the following press release from Rockwell Collins. I think
> people on this mailing list might find the technology interesting. How long
> before this stuff trickle down to our QRP rigs? But don't we already have some
> direct-conversion rigs around?
>
> Paul, AA1MI

Date: Thu, 29 Jan 1998 15:49:41 -0500 (EST)
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)

Subject: [2340] Re: List of Elmer project students (long)
Message-ID: <98Jan29.154951-0500_est.10421-12484+28@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All these stats are neat! Really enjoying them.

But, Instead of absolutes, how about as a percentage of
QRP-1 members of THAT CLASS.

I.E. 1% technician of the class group is interesting. But
How about the % of techs on QRP-1 that are participating?

I know, more numbers....

What y'all don't know is that I plot the capacity and discharge
of water in our surrounding lakes.

I haven't started catalogueing license plates of cars passing
my QTH yet though, so there's still promise that I'll pull out
of this 8^)

-Ed

Andy Fox wrote:

>
> Hi,
>
> While Bob, K6RKB was sorting by call area, I was sorting by license
> class. I'm not sure what drove me to do it, but here are the results
> (including the newest five):
>
> Technician 1%
> Tech Plus 10%
> General 16%
> Advanced 25%
> Extra 48%
>
> (U.S. calls only)
>
> 72
>
> --
> -----
> Andy Fox, KK7HV
> <mailto:foxes@theriver.com>
> <http://personal.riverusers.com/~foxes/>

> -----

--

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72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Thu, 29 Jan 1998 16:00:43 -0500 (EST)
From: "Buck, Preston D" <BuckPD@corning.com>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2341] Replacement for Spud gun
Message-ID: <98Jan29.160052-0500_est.10421-20936+35@hooch.cc.Lehigh.EDU>
Content-Return: allowed
Mime-Version: 1.0
Content-Type: text/plain

> Looks like I need to sell my spudgun. Time to upgrade. Technology
> changes sooo fast.
>
>

> In a recent issue of "Meat & Poultry" magazine, editors quoted from
> "Feathers", the publication of the California Poultry Industry
> Federation,
> reporting the following story:
> It seems the US Federal Aviation Administration has a unique device
> for
> testing the strength of windshields on airplanes. The device is an air
> cannon that launches a dead chicken at a plane's windshield at
> approximately the speed the plane flies. The theory is that if the
> windshield doesn't crack from the carcass on impact, it'll survive a
> real
> collision with a bird during flight.
> It seems that British Rail was very interested in this and wanted to
> test
> a windshield on a brand new, ultra high speed locomotive they're
> developing. They borrowed the FAA's chicken launcher, loaded the
> chicken
> and fired. The ballistic chicken shattered the windshield, went
> through
> the engineer's chair, broke an instrument panel and embedded itself in
> the

```
> back wall of the engine cab. The British engineers were stunned and
> asked
> the FAA to review the test to see if everything was done correctly.
> The
> FAA checked the test thoroughly and had one recommendation: "Try
> thawing
> the chicken next time".
>
>
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Date: Thu, 29 Jan 1998 16:23:04 -0500 (EST)
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2342] Re: Mechanical Filters
Message-ID: <98Jan29.162309-0500_est.10421-20936+36@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good Point. However, I already know how to build xtal filters.

My interest in the mechanical filters is multi-faceted. I'm researching other applications as well.

I just find the mechanical filters very interesting :)

I guess this is all in the interest of Exploration and experimentation.

Thanks for replying,
72/Ed

Fishman, Clark wrote:

>
> With all the talk about mechanical filters I think in the time you tried
> to build one of them you could have built a dozen working crystal
> filters
>
> Clark Fishman WA2UNN cfishman@pica.army.mil

--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Thu, 29 Jan 1998 16:23:33 -0500 (EST)
From: "David D. Meacham" <ddm@datatamers.com>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2343] Re: GM-10 mods (QRPP Winter '97 by W6EMD)
Message-ID: <98Jan29.162339-0500_est.10421-12484+29@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bill,
Heavens! I certainly did NOT mean to imply in my article that the GM-10 is "bad". As I stated, my main purpose was to increase the output power. Some of the other changes are necessary (such as getting tuned circuits to resonate). Most are not necessary, just improvements, in my opinion. I LIKE my GM-10 a lot. It is a "good" rig.
72, Dave, W6EMD

Date: Thu, 29 Jan 1998 16:23:55 -0500 (EST)
From: "EWC(SW) Rick McNelly" <72507.235@compuserve.com>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2344] Elmer Project
Message-ID: <98Jan29.162410-0500_est.10422-15302+40@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit

Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Hi Mike,

I'm game for the Elmer project (as a student!). Please include me in any further discussion and add me to the list of those wanting to build the revised SW-40.

I am a Macintosh user and am following another post in which someone is trying a DOS or Windows Software emulator with CirCad. If you hear any more on this please let me know.

72/73's,

--Rick, KE4IZH

Chesapeake, Va.

Date: Thu, 29 Jan 1998 16:24:24 -0500 (EST)
From: Roger Hightower <n7kt@earthlink.net>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2345] Re: List of Elmer project students (long)
Message-ID: <98Jan29.162425-0500_est.10421-20936+37@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In this day, when people don't have to change their callsigns when they move to a different call area, or upgrade, stats like that don't mean much. Unless, that is, someone has taken the time to run them all through a callbook for verification, :-)

--

72/73, de Roger, N7KT

Date: Thu, 29 Jan 1998 16:24:37 -0500 (EST)
From: Sam Billingsley <SBillingsley@usaninc.com>
To: qrp-1@fidoi.cc.lehigh.edu (qrp-1)
Subject: [2346] Re: Long Wire Antenna - A Discussion?
Message-ID: <98Jan29.162440-0500_est.10421-12484+30@hooch.cc.lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain

Stan..... the longwire antenna you describe is my MAIN antenna. I think I'm in the 120-130 ft length range with the vertical section from the basement shack window up about 30-35ft and the remainder horizontal to a nearby tree. A classic Inverted "L".

The RF in the shack can be completely tamed by having a wire counterpoise 1/4 wave for each band of interest attached to the ground side of an L (half PI) tuner with the inductor on one end connected to the rig inter-portion of the coax and the other end of the inductor (tapped by variable roller) connected to a variable capacitor that is grounded. The end of the longwire is attached to the junction of the inductor and the cap. The counterpoise is connected to the base of the cap and the shield of the rig's coax.

By tuning the cap and adjusting the turns on the inductor you can achieve a 1:1 SWR on all HF bands.

I am now using a LDG AT-11 auto tuner in place of the homebrew PI tuner to speed things up band to band changes. The AT-11 works well on all bands.

The counterpoise is critical. I recommend two per band (cut at slightly different lengths) but one will do. I have a TENREC artificial ground kit still in the box but when I finish with the kit I'll replace all the 1/4 wave wires laying in the Ivy on the ground outside the shack window.

The further help any RF in the shack I wind ALL cables going into rigs on one the ferrite chokes (snap together ferrite halves in plastic housing) with as many turns as I can make and still get the plastic housing on the core to close. Radio Shack and other places have these little chokes.

This antenna gives some directivity about 30 degrees off the axis of the wire on 30 meters.

Sam Billingsley, AE4GX
Atlanta, GA 30342

Inverted "L" end fed wire, Butternut Vert, AEA IsoLoop

Ramsey 1w 40 mtr xmtr/rcvr, Index Labs QRP+, HW7, HW8, HW9

Norcal 38s/5w/Tick (just got my PIXIE 2 kit from HS in the mail can't wait to build it)

norcal#2210,MI-QRP#1567,qrp-l#1033,ARCI#9356,G-QRP#9660,ARS#269,
NOGA,CQC#454,AK/QRP#308

Date: Thu, 29 Jan 1998 16:25:07 -0500 (EST)
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@fidoii.CC.lehigh.EDU (qrp-l)
Subject: [2347] Re: WA2HOQ
Message-ID: <98Jan29.162510-0500_est.10421-15302+41@hooch.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I do confess that I tried to work the station.

VVV de WA2HOQ/QRP 2 WATTS/B; I thought the B was
a 6 the first time.

Then I notice there was no keyword, no power level
steps, and Right on the 7040 qrg.

Wish we had a HFDF net set up; would be great to
triangulate like back in the old days.

I hope no one comes down on you Bob. It is so
unfair having your call bootlegged.

One guy gave me a hard time once, told me "All Extras have
a prior callsign" He thought I was bootlegging someone elses
call.

Thanks for the notice Bob.

-Ed

--

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72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Thu, 29 Jan 1998 16:25:30 -0500 (EST)
From: Gary Hembree <Gary.Hembree@ASU.edu>
To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)
Subject: [2348] WTB: TenTec 9MHz Filters
Message-ID: <98Jan29.162540-0500_est.10421-12484+31@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One more time before I pay retail for new ones:
I still need the TenTec model 217 (500Hz) and 219 (250Hz) 9MHz
filters. I'll help finance your purchase of one of those custom 250Hz
BW, 9MHz filters by buying your old one!
I would also like to obtain a couple more of the 4 pole 2.7KHz 9MHz
filters that came with the stock Argosy and in the 1st IF of the
Corsair.
Please email type, quantity available and asking price.

73
Gary Hembree, N7IR
gary.hembree@asu.edu

Date: Thu, 29 Jan 1998 16:59:50 -0500 (EST)
From: Andy Fox <foxes@theriver.com>
To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)
Subject: [2349] Re: List of Elmer project students (long)
Message-ID: <98Jan29.165959-0500_est.10425-20936+38@hooch.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Roger,

I'm sorry to admit that I actually spent my lunch hour querying QRZ
about a hundred times...

72

--

Andy Fox, KK7HV
mailto:foxes@theriver.com
http://personal.riverusers.com/~foxes/

Date: Thu, 29 Jan 1998 17:00:04 -0500 (EST)
From: Jim Eshleman <lujce@hooch.cc.Lehigh.EDU>
To: qrp-1@fidoi.cc.lehigh.EDU (qrp-1)
Subject: [2351] Re: WA2HOQ (fwd)
Message-ID: <98Jan29.170014-0500_est.10421-15302+42@hooch.cc.Lehigh.EDU>
Content-Type: text

Forwarded message:

>From owner-qrp-1@Lehigh.EDU Thu Jan 29 16:46:32 1998
Message-Id: <Pine.LNX.3.93.980129174129.1396G-100000@dns.vidtel.com>
Date: Thu, 29 Jan 1998 17:50:12 -0500 (EST)
Reply-To: ccart@dns.vidtel.com
Sender: owner-qrp-1@Lehigh.EDU
Precedence: first-class
From: Chris Cartwright <ccart@dns.vidtel.com>
To: lujce@hooch.cc.Lehigh.EDU
Subject: Re: WA2HOQ
In-Reply-To: <98Jan29.162510-0500_est.10421-15302+41@hooch.cc.Lehigh.EDU>
X-To: QRP Reflector <qrp-1@Lehigh.EDU>
Mime-Version: 1.0
X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN

Content-Type: text/plain; charset="us-ascii"

This message was submitted by Chris Cartwright <ccart@dns.vidtel.com> to list qrp-1@Lehigh.EDU. If you forward it back to the list, it will be distributed without the paragraphs above the dashed line. You may edit the Subject: line and the text of the message before forwarding it back; otherwise do not modify anything else (that includes the spacing in the headers).

It is strongly advised that you do not indent the message in any shape or form if you decide to forward it back, especially if it is MIME encoded. If your MUA wraps your reply around into another MIME message, you may run into problems if it modifies the headers that ListProc sent along in any shape or form; the headers shown below that listproc sent along should not be augmented or otherwise modified.

If you edit the messages you receive into a digest, you will need to remove these paragraphs and the dashed line before mailing the result to the list. Finally, if you need more information from the author of this message, you should be able to do so by simply replying to this note.

----- Message requiring your approval -----
Content-Type: message/rfc822

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
From: Chris Cartwright <ccart@dns.vidtel.com>
Subject: Re: WA2HOQ

On Thu, 29 Jan 1998, Ed Loranger wrote:

> Wish we had a HFDF net set up; would be great to
> triangulate like back in the old days.

Might be able to get close, if everyone "listens" at roughly the same time and reports it to someone, (not the list), any takers? NOTFI's chat page? With all the hunters out tonight there might be enough ears to do some good.

FWIW, "it" was 579 in MD, at about 1645z, I was /M at the time. Heard a few stations try to QRM "it", no joy. It was definitely sending WA2HOQ on 7.040 though. An echo from deep space maybe.... :)

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | http://dns.vidtel.com/~ccart --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

Date: Thu, 29 Jan 1998 17:00:26 -0500 (EST)
From: Jim Eshleman <lujce@hooch.cc.Lehigh.EDU>
To: qrp-l@fidoi.cc.lehigh.EDU (qrp-l)
Subject: [2352] Results: The Great Colorado Snowshoe Run (fwd)
Message-ID: <98Jan29.170029-0500_est.10421-21962+31@hooch.cc.Lehigh.EDU>
Content-Type: text

Forwarded message:
>From owner-qrp-l@lehigh.edu Thu Jan 29 16:56:52 1998
Message-Id: <199801292256.PAA10817@edison.chisp.net>

Date: Thu, 29 Jan 1998 14:57:19 -0600
Reply-To: mgemm@mtechnologies.com
Sender: owner-qrp-1@Lehigh.EDU
Precedence: first-class
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: lujce@hooch.CC.Lehigh.EDU
Subject: Results: The Great Colorado Snowshoe Run
X-To: cqclist@lists.csn.net, qrp-1@Lehigh.EDU
Mime-Version: 1.0
X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN

Content-Type: text/plain; charset="us-ascii"

This message was submitted by "Marshall Emm" <mgemm@mtechnologies.com> to list qrp-1@Lehigh.EDU. If you forward it back to the list, it will be distributed without the paragraphs above the dashed line. You may edit the Subject: line and the text of the message before forwarding it back; otherwise do not modify anything else (that includes the spacing in the headers).

It is strongly advised that you do not indent the message in any shape or form if you decide to forward it back, especially if it is MIME encoded. If your MUA wraps your reply around into another MIME message, you may run into problems if it modifies the headers that ListProc sent along in any shape or form; the headers shown below that listproc sent along should not be augmented or otherwise modified.

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----- Message requiring your approval -----
Content-Type: message/rfc822

MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
From: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: Results: The Great Colorado Snowshoe Run

Finally, at last (well, only 2 weeks after the deadline)
I have here for your delectation the official results of
the Great Colorado Snowshoe Run (held 12/13/97).
They'll be on the web page too
(<http://www.mtechnologies.com/cqc/cqcbb.htm>) and in Low
Down, with entrants' "soapbox" comments. And I'll put
the soapbox comments here to when I get it.

Some interesting and surprising results, but I'll leave it to you to see what that's all about. Almost everybody's score will be different from their original "claimed" score because Jan went through every log and cross checked everything. That's unusual, I know, but keep in mind it was even-handed e.g. fair.

Certificates will be going to the winners in each class (marked with an asterisk in case you can't figure it out [g]). And as manager of the "teams competition" I'll be sending an actual physical prize of an appropriate nature to, well, let's keep you in suspense another ten seconds or so.

Congratulations to the winners, and a big thank you to all who participated.

Without further ado...

Official Results

The Great Colorado Snowshoe Run

Multi-element Antenna Class

*K5NZ	58,995
K0FRP	55,896
KF7MD	29,988

Single-element Antenna Class

*K5ZTY	34,656
W0HEP	11,830
WA2GO	9,594
WB0JNR	9,243
WD3P	7,839
N2CQ	6,144
W5SB	4,410
K5GQ	3,861
KS4L	2,240
KI7MN	620
WA1QVM	135
KQ0I	72
WD8RIF	68

Vertical Antenna Class

*K10J	74,000
-------	--------

N1FN	17,347
N4ROA	7,200
AB0CD	4,640
KQ5U	1,632
N7KT	690
N2APB	580
W0GD	396
K5VUU	345
KB0WQT	216
AB70A	108

*Texas Yahoo Tennis Shoe Runners	25,414
K10J, K5GQ, K5NZ, K5VUU,	
K5ZTY, KQ5U, W5SB	

Snow Blind	21,624
K0FRP, KB0WQT, KF7MD, W0GD	

Mush Puppies	10,765
AB0CD, N1FN, W0HEP, WBOJNR	

Garden State Trailblazers	3,362
N2APB, N2CQ	

73
 Marshall Emm
 N1FN/VK5FN
 n1fn@mtechnologies.com
 Milestone Technologies
 Software, kits, tools...
<http://www.mtechnologies.com>
 (303)752-3382

--

Date: Thu, 29 Jan 1998 16:02:39 -0600
 From: Kevin Muenzler <wb5rue@stic.net>
 To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
 Subject: [2353] RE: WA2HOQ
 Message-ID: <01BD2CCF.53970320@muenzlerk.uthscsa.edu>
 MIME-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"
 Content-Transfer-Encoding: 7bit

On we6w@qsl.net, Ed Loranger[SMTP:we6w@qsl.net] wrote:

> -----
> One guy gave me a hard time once, told me "All Extras have
> a prior callsign" He thought I was bootlegging someone else's
> call.
>
> Thanks for the notice Bob.
> -Ed

Yeah, right! Mine was WN5RUE ;)

Kevin, WB5RUE

Date: Thu, 29 Jan 1998 15:18:13 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@Lehigh.EDU
Subject: [2354] Results: The Great Colorado Snowshoe Run (fwd)
Message-ID: <199801292317.QAA11247@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

----- Forwarded Message Follows -----

Date: Thu, 29 Jan 1998 17:00:26 -0500 (EST)
Reply-to: lujce@hooch.cc.Lehigh.EDU
From: Jim Eshleman <lujce@hooch.cc.Lehigh.EDU>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: Results: The Great Colorado Snowshoe Run (fwd)
X-To: qrp-1@fidoii.CC.lehigh.EDU (qrp-1)

Forwarded message:

>From owner-qrp-1@lehigh.edu Thu Jan 29 16:56:52 1998
Message-Id: <199801292256.PAA10817@edison.chisp.net>
Date: Thu, 29 Jan 1998 14:57:19 -0600
Reply-To: mgemm@mtechnologies.com
Sender: owner-qrp-1@Lehigh.EDU
Precedence: first-class
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: lujce@hooch.CC.Lehigh.EDU
Subject: Results: The Great Colorado Snowshoe Run
X-To: cqclist@lists.csn.net, qrp-1@Lehigh.EDU
Mime-Version: 1.0

X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN

Content-Type: text/plain; charset="us-ascii"

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KQ5U 1,632
N7KT 690
N2APB 580
W0GD 396

K5VUU 345
KB0WQT 216
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*Texas Yahoo Tennis Shoe Runners 25,414
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Snow Blind 21,624
K0FRP, KB0WQT, KF7MD, W0GD

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Garden State Trailblazers 3,362
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(303)752-3382
--

Date: Thu, 29 Jan 1998 18:25:49 -0800
From: bruce muscolino <w6toy@erols.com>
To: bmug@gwl.com
Cc: QRP-L@Lehigh.EDU
Subject: [2355] Re: Elmer Project
Message-ID: <34D13A2D.6466@erols.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brad,

Perhaps an extra credit assignment could be "After you've built the 40 meter version and have it working, now rebuild it for 30 meters. You do the component scaling or calculations and we'll check it out."

Date: Thu, 29 Jan 1998 14:49:57 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <foxes@theriver.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [2356] Re: List students/ multiple callsign lookup
Message-ID: <01bd2d08\$38e4d0f0\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Andy, (the one with the sore fingers) said:
>I'm sorry to admit that I actually spent my lunch hour querying QRZ
>about a hundred times...

There is an elegant way of looking up this information. Our host, the QRP-L listserver, has an automatic way of doing this. You can send the listserver a message:

(to listserv@Lehigh.edu)

RUN QRP-L X FCC_CALL <callsign>

where <callsign> is the call of the person you want to look up.

and you will get back an email with the FCC database info for that ham.

The neat thing is that you can put as many lookup requests as you want in one message, each on a separate line, and the listserver will dutifully look them all up and send the whole list to you. This is a great shortcut that I discovered after my last stint as fox. I just cut and pasted my log into an email message, and got the whole log converted to addresses for QSL cards in just minutes.

Please be sure that you send your request to listserv@Lehigh.edu, NOT qrp-l!

Mike K1MG

Date: Thu, 29 Jan 1998 17:51:30 -0500
From: Jay Sullivan <jsulliv@vt.edu>
To: qrp-l@Lehigh.EDU
Subject: [2357] Pixie 2 documentation
Message-ID: <3.0.5.32.19980129175130.00827590@mail.vt.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi,

I've been lurking on this list for over a year and have not said much, but I've followed the recent elmering thread with much interest. I wish I had more time to be a part of that group. We had twins this past summer and I don't have much time to play radio. I hope to save the postings/schematics for some later time.

I did build a Pixie 2 recently and was wondering if there is a good, detailed write-up on how that radio works. By "good" I just mean that even a forester like me could understand it (I do have the ARRL Handbook and am trying to work through it, but it is slow going). Does one of the W1FB books cover that radio?

Thanks in advance for your help!

Jay
KC4WXB
Jay Sullivan, Associate Professor
Virginia Tech, Department of Forestry
Blacksburg, VA 24061
phone: 540-231-4356 FAX: 540-231-3698 email: jsulliv@vt.edu

Date: Thu, 29 Jan 1998 17:58:21 EST
From: k7sz@juno.com
To: shortckt@primenet.com, qrp@qth.net, qrp-l@Lehigh.EDU
Cc: swl@qth.net
Subject: [2358] Re: [SWL] Fwd: HCJB amateur radio news

Message-ID: <19980130.000149.13911.2.k7sz@juno.com>

On Thu, 29 Jan 1998 18:08:44 +0000 "Brian K. Short"

<shortckt@primenet.com> writes:

>>From: Tom Boza <Tom_Boza@CCM.CH.INTEL.COM>

>>Subject: HCJB amateur radio news

>>

>> Radio Ecuador, HCJB, runs an amateur radio international news
>> program every Wednesday evening at 2130 MST (Thursday 0430 UTC)
>> on 9.745 MHz AM.

>>

>> Its a 30 minute program which covers amateur radio issues from
>> all countries around the world. They also give propagation
>> forecast, information on DXpeditions, special advent stations,
>> and hamfest dates/times around the world.

>>

>> HCJB's signal strength here in Arizona is 20db of S9, which is
very

>> easy to copy, even on a portable battery operated shortwave
receiver.

>>

>> NE7X...

AND.....about once or twice per year they run the 6 part audio tape
program on QRP that I recorded for them several years ago. How about
that....QRP on international shortwave.....will miracles never cease?

73 rich K7SZ

(ex: K7SZ, CT2BH, G5CSU, DA2NE, KA2AA)

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 29 Jan 1998 18:03:17 -0500

From: wb8ygg@juno.com (Bradley S. Mitchell)

To: qrp-l@Lehigh.EDU

Subject: [2359] Beacon Barage

Message-ID: <19980129.180318.3774.0.WB8YGG@juno.com>

What if a bunch of people put a beaon out all at the same time

on the same frequency.

QRP of course.

It would be fun to see who could hear what, when etc.

Just thinking out loud.

73 Brad WB8YGG

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Or call Juno at (800) 654-JUNO [654-5866]

Date: 29 Jan 1998 17:06:38 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-1@Lehigh.EDU
Subject: [2360] Other power meter/swr kit
Message-ID: <n1326028864.23360@msmailgw1.arlut.utexas.edu>

Someone asked in the digest 984, "the name of the power swr meter kit."
Actually, two have been discussed recently.

The one reviewed in QRP-ARCI QUARTERLY by myself, was the TEN TEC (Dolly Parton Parkway, Seveirville, TN.) Kit. See their kit list for full details. They have a web page, too. Ads appear from time to time in QST for their kits, as well as other ham publications.

It is a smaller case than the Oak Hills, but can be built as either a 2 Watt and a 20 watt range, or as stock, which is 20 watt and 200 watt. I prefer its low profile rectangular styling.

A turn of the cal pot for the two ranges allows this range conversion. Then a toggle switch selects high or low range you have calibrated.

There are two pickup circuits, allowing all the HF bands to be covered, and 6M, 2M, and relative indication on 440.

The case is steel, and heavy but not too heavy to back pack. It very nicely sits on the operating table, even with RG 8 sized coax hooked to it. Battery powered meter amplifier can also be run from external wall wart power supply, 9VDC.

Best of all, it costs only \$49 for the kit, and a few enjoyable assembly hours.

Hope that helps-
Stuart K5KVH

Date: Fri, 30 Jan 1998 10:51:39 +0000
From: pmk@juno.com (Patrick M Kvitkauskas)
To: qrp-1@Lehigh.EDU
Subject: [2361] Re: Conductive grease
Message-ID: <19980130.110234.10262.3.pmk@juno.com>

I like to use the stuff made by ILSCO called DE-OX. It is really great stuff. It is basically mineral oil gelled up and the electrical inspectors in my area like it as well. All the others with the carbon or graphite in them tend to stain up anything it touches. I used it on my TA-33 5 years ago but that isn't very long. I use it everyday terminating aluminum wire, and the power company in the area uses it as well.

I don't know how conductive it is but you get 110 or 220 through it and it will sure let you know hi hi. It is not so much how conductive the grease is but any surface that needs terminating needs to be cleaned (not scrapped) and have good contact area. I have tried to resurrect bad power company lugs (they don't repair meter cans) that have been burnt or cooked but will not last long. If you have something that has been arcing for a while and is pitted up might want to consider replacing it.

Most extruded aluminum is coated, anodized or clad and is not raw aluminum. Once the coating is removed I don't care what anyone say's it will corrode in no time. I live in central Florida and I think it is safe to say it stays fairly wet (humid) here and get to fix a lot of power company meter bases in my line of work.

So next time you need to terminate something, give it a good bath (lightly scotch brite it will help) and don't be shy with what ever oxide inhibitor you use.

72/73 de Patrick KD4OBQ

AR

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 29 Jan 1998 16:12:44 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: jsulliv@vt.edu
Cc: qrp-l@Lehigh.EDU
Subject: [2362] Re: Pixie 2 documentation
Message-ID: <199801292312.QAA02431@usr01.primenet.com>

Howdy Jay (and Folks),

Jay (KC4WXB) wrote:

>
> I did build a Pixie 2 recently and was wondering if there is a good,
> detailed write-up on how that radio works. By "good" I just mean that even
> a forester like me could understand it (I do have the ARRL Handbook and am
> trying to work through it, but it is slow going).

Something right up your alley is on the way (from several different paths). In addition to the QRP-L effort, the AZ ScQRPions have had something in the works since Pacificon, and QRP Quarterly is about to launch a series as well.

Hopefully this will all be targeted at the right audience, and by the time it's over we'll be swimming in enough material written at the Non-Tech Newbie to pull *anyone* across that awkward HB gap! You'll have that Pixie 2 down cold!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Thu, 29 Jan 1998 17:13:47 -0500
From: "N4ELM" <n4elm@ipass.net>
To: <qrp-l@Lehigh.EDU>
Subject: [2363] More QRP stuff for sale
Message-ID: <199801292319.SAA20807@earth.ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

QRP Stuff For Sale:

NORCAL paddle kit
Still sealed in the shipping box
\$30.00 + shipping

Ten-Tec Century 21 HF CW transceiver
80 - 10 Meters, 75 watts input - approx. 35 watts output
Direct conversion receiver, RIT, CW audio filter.
Built-in AC power supply.
With KR-5A keyer/paddle and manual.
\$200.00 + shipping

Not exactly QRP:

Complete Lowe HF-150 Shortwave Station.
\$1000.00 E-mail for details.

73 - Dave, N4ELM

Date: Thu, 29 Jan 1998 15:37:26 -0800
From: W7LS <w7ls@blarg.net>
To: qrp-1@Lehigh.EDU
Subject: [2364] Pixie on 10 meters??? How?
Message-ID: <34D112B6.196D@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Can someone let me know the values to choose for using the Pixie on 10 meters, and why those values?

I'm guessing that you first calculate the impedance of the amplifier transistor by noting the quiescent bias point and looking on a chart to see the dV/dI at that point and there you have it? And then look in the Handbook to see what a pi network would look like to transform it to 50 ohms?

Hmmm... I could probably figure it out, given enough time, but was hoping that someone has already just done it.

Tnx/73 de Jim, W7LS

Date: Thu, 29 Jan 1998 16:26:03 -0700
From: "Ron Smith" <resmith@primenet.com>
To: <wb8ygg@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [2365] Re: Beacon Barage
Message-ID: <008e01bd2d0f\$4522a660\$0622a5ce@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wouldn't that be similar to a pile-up with no fox or DX station to yell stop?

> What if a bunch of people put a beaon out all at the same time
>on the same frequency.
>QRP of course.
>It would be fun to see who could hear what, when etc.

Date: Thu, 29 Jan 1998 16:27:06 -0700
From: "Ron Smith" <resmith@primenet.com>
To: <k7sz@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [2366] Re: [SWL] Fwd: HCJB amateur radio news
Message-ID: <008f01bd2d0f\$464f3f80\$0622a5ce@primenet.com.primenet.com>
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Content-Type: text/plain;
 charset="iso-8859-1"
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Do we know the schedule of the annual airing?

>AND.....about once or twice per year they run the 6 part audio tape
>program on QRP that I recorded for them several years ago. How about
>that....QRP on international shortwave.....will miracles never cease?

End of QRP-L Digest 985
